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Volume 131 MARCH 1, 1937 Number 9

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Petroleum Trade Rules Continuation Is Urged

Witnesses Tell F.T.C. Present Regulations Eliminate Unfair Practices

WASHINGTON, Feb. 25, 1937.

Strong support for continuing in effect the fair trade practice rules for the petroleum industry as published on August 10, 1931, was expressed before the Federal Trade Commission yesterday and today by a large number of spokesmen for various branches of the oil industry.

A new set of trade practice rules has been proposed to the commission and the hearings were called to obtain the views of the industry as to whether or not the old rules should not be rescinded prior to action on the new proposal. No witnesses favored rescinding the present rules, and Commissioner W. A. Ayers, presiding, declined to state who was seeking to have the rules rescinded.

The witnesses were unanimous in declaring that the existing rules do not permit price fixing, but stabilize petroleum marketing by eliminating many unfair and deceptive practices. Typical was the statement of Donald R. Richberg, appearing as counsel for the Standard Oil Company of California, and spokesmen for the Pacific Coast group, who said:—

The desire to continue the present code is not a desire to have that code take preference over the consideration of any other code. The Pacific coast group has not participated in the formulation of a new code. Our fundamental position is primarily that present conditions under which the industry is operating shouldn't be disturbed and the present code set aside while considering the adoption of a new code.

To be consistent with the policy of the Federal Trade Commission and with the promulgation of the trade practice procedure. I think it safe to say that for the tranquility and stability of the oil industry the rules should be continued.

All that we could do, by the very nature of the hearing, was to satisfy the Commission as to the existence of adherence to the rules. We could not defend the merits of them, and were not called upon to do so.

Patman Act Hearings Will Start March 1

WASHINGTON, Feb. 24, 1937.

First hearings for the taking of testimony in two Federal Trade Commission cases involving alleged violations of the Robinson-Patman act are scheduled for the week beginning March 1. The respondents are Standard Brands, Inc., and the Great Atlantic & Pacific Tea Company.

Standard Brands, Inc., is charged in the commission's complaint with discriminating in price between different purchasers of bakers' yeast. The Great Atlantic & Pacific Tea Company allegedly violated the Robinson-Patman act by accepting, in lieu of brokerage, allowances or discounts from certain firms from which it purchases merchandise, without rendering any services for such allowances or discounts.

Hearings in the case against Standard Brands, Inc. are scheduled as follows.—March 1 to 3, inclusive, room 500, 45 Broadway, New York; March 8, Federal building, Boston; March 15, United States Court House, Minneapolis. Hearings in the Great Atlantic & Pacific Tea Company case are scheduled as follows:—March 1 to 3, inclusive, court house, Cambridge, Md.; March 8 to 13, inclusive, room 630, Post Office, Baltimore; March 22 to 27, inclusive, Federal building, Rochester, N. Y.; March 29 and 30, room 500, 45 Broadway, New York; April 1 and 2, Baltimore.

Petroleum refinery in Fiume, Italy, operated by the Raffineria di Ollii Minerali, S. A., is to be substantially expanded. This plant is particularly devoted to the production of lubricating oils.

Drug Law Revision Terms Unsatisfactory to President

Objections of Executive Rest Mainly on Limiting of Multiple Seizures — Copeland Confident Desired Changes Can Be Made

WASHINGTON, Feb. 25, 1937.

Prospects of early senate action on the Copeland food and drug bill, S. 5, were blasted this week when President Roosevelt hinted his disapproval of the measure at a press conference.

In answer to a question, the President said that he had read the bill and that his first impression was that it weakens the existing act. He added a somewhat cryptic remark to the effect that he sometimes follows a policy of tearing down instead of building up. This was interpreted as meaning that the President will oppose passage of the Copeland bill in its present form and that it may be amended before it is acted on by the senate.

Senator Copeland, however, remained optimistic and continued to predict that the bill will be approved by the senate within a short time. He said that he understood the President's objections relate to the amendment sponsored last year by Senator Josiah W. Bailey of North Carolina, which places limits on the power of the Food and Drug Administration to make multiple seizures. The senator said that he favored strengthening this provision and was confident that this could be done and the bill passed within a few weeks.

Observers are of the opinion that President Roosevelt has been influenced by the demands of many women's groups and consumer organizations for a more stringent revision of the food and drugs act than would be accomplished by the Copeland bill. It is known that Mrs. Roosevelt has been much interested in the measure. These women's groups feel that the Copeland bill weakens the existing law in three respects: First, by limiting multiple seizures; second, by permitting transfer of court actions to different Federal district courts on application of the owners of seized articles; and third, by insertion of the word, "material," in several places in the bill, particularly in the definition of misbranded drugs which

(Continued on page 50)

Fair Trade Manual Issued by N.A.R.D.

As the fourth in a series of commentaries on fair trade legislation, its purposes, and applications, the National Association of Retail Druggists has published the "Fair Trade Manual." This is a book of sixty-eight pages, comprising the complete texts and references of the first fifteen fair trade acts enacted by States; the N. A. R. D. model State fair trade act, with an explanation of recommended changes embodied therein; the opinions of the Supreme Court of the United States on the California and Illinois laws, with an analysis by counsel; the text of the Tydings-Miller bill for a Federal fair trade enabling act, with comment thereon and congressional recommendations relating thereto; statements on fair trade legislation by Senator Tydings, Representative Miller, Representative Patman, Representative Gorfine, Governor Lehman, Governor Davey, Governor Moeur; a summary of experiences relative to the enactment and operation of fair trade laws in fifteen States; the N. A. R. D. brief to the supreme court; an answer by John W. Dargavel, secretary of the National Association of Retail Druggists, to statements made by the National Retail Dry Goods Association in opposition to the Federal fair trade bill.

This manual is particularly designed to be of assistance to pharmacal associations and committees in the furtherance of fair trade legislation, and to individual members of the several branches of the drug trade who are interested in any of the aspects of such legislation. The book may be obtained from the National Association of Retail Druggists, 205 West Wacker drive, Chicago, at $1 a copy.

The N. A. R. D. fair trade publications are prepared by a committee under the chairmanship of Dr. Robert L. Swain, Baltimore, with the co-operation of Secretary Dargavel, Herbert Levy, the association's counsel; Rowland Jones, jr., its Washington representative; and Dr. E. F. Kelly, secretary of the American Pharmaceutical Association. Earlier issues in the series were "History of the California Fair Trade Act," "ABC of Fair Trade Legislation," and "Principles and Objectives of Fair Trade Legislation." A fifth book, "Fair Trade Administrative Handbook," is in preparation.

Salvador Tariff Pact Cuts Duty on Balsam

WASHINGTON, Feb. 23, 1937.

A tariff bargain—"reciprocal trade agreement"—has been signed by representatives of the United States and the Republic of El Salvador, subject to approval by the Salvadoran Congress, providing reductions in duties on a number of products on the part of both countries.

The agreement is the sixteenth to be signed by the United States under the trade agreement act and follows the pattern of agreements signed with eight other Latin American republics. However, the agreement differs from those signed with certain other Central American countries in that it provides for greater duty reductions on a shorter list of American products. The tariff advantages granted by El Salvador affect twenty-five tariff items and include duty reductions on nineteen and assurances against increase on six others. The items include wheat, canned meat and fish products, fresh, dried, and canned fruits and vegetables, cereal products, lumber, tires, rubber hose, phonograph records, and leather, including chamois leather.

Benefits granted to El Salvador by the United States consist of assurance that coffee, cocoa beans, deerskins, reptile skins, and tortoise shell shall not be subject to duty during the period the agreement is in force and assurances that rates specified in the agreement for Peru balsam, honey, prepared guavas and guava paste and pulp, and mango pastes and pulps will not be increased during the life of the duty.

The United States duty on Peru balsam, natural and uncompounded and not containing alcohol, is reduced from 10 percent to 5 percent ad valorem. Peru balsam is stated to be one of the principal export products of El Salvador, and the United States is the principal market for this product. Imports ranged from $26,346 in 1932 to $59,587 in 1935.

Feldspar mines in the United States in 1935 put out a total of products valued at $768,709, compared with $853,136 in 1934, according to a preliminary report on the industry made by the Bureau of the Census in cooperation with the Bureau of Mines.

Social Security Tax On Invoices Assailed

Treasury Department Says That Charging 2% Violates Revenue Act

WASHINGTON, Feb. 23, 1937.

The Secretary of the Treasury has sounded a warning against the practice of adding a percentage to bills or invoices, with the designation that the item is a social security tax.

Stating that he has been informed by the Commissioner of Internal Revenue that employers in some instances were adding an item of 2 percent to their bills or invoices and listing this as a social security tax, the Secretary of the Treasury says that a tax of 2 percent of the sale price of an article would be necessarily greatly in excess of the amount of taxes imposed under the social security act with respect to the compensation of the employees engaged in the production of such articles. Even though an employer might in some instances pay the social security tax on behalf of his employees as well as the tax on the employer, the sum of these taxes, the Secretary points out, would not in any case be measured by the sale price of the articles sold.

For this reason, he warns, to indicate an item on an invoice as a social security tax, which item amounts to 2 percent of the sale price of the article listed on the invoice, would be a palpable misrepresentation of the amount of taxes imposed under the social security act. Persons engaged in this form of misrepresentation would be subject to prosecution under the provisions of section 1123 of the revenue act of 1926 relating to frauds on purchasers, which are made applicable to the social security act by section 807 of that act.

Section 1123 of the revenue act of 1926 reads as follows:—

Whoever in connection with the sale or lease, or offer for sale or lease, of any article, or for the purpose of making such sale or lease, makes any statement, written or oral, (1) intended or calculated to lead any person to believe that any part of the price at which such article is sold or leased, or offered for sale or lease, consists of a tax imposed under the authority of the United States, or (2) ascribing a particular part of such price to a tax imposed under the authority of the United States, knowing that such statement is false or that the tax is not so great as the portion of such price ascribed to such tax, shall be guilty of a misdemeanor and upon conviction thereof shall be punished by a fine of not more than $1,000 or by imprisonment not exceeding one year, or both.

American Cyanamid Buys H. A. Metz & Co.

The American Cyanamid & Chemical Corporation has purchased H. A. Metz & Co., Inc., Newark, N. J., manufacturer of textile and tanning specialties. The merger of the Metz company, of which Harry Metz, son of the late Herman A. Metz, is vice-president, is effective as of March 1. Mr. Metz will continue with the American Cyanamid & Chemical Corporation.

Chemists Club Nominates

The nominating committee of the Chemists' Club, this city, headed by Dr. Maximilian Toch, has presented the following slate for the election of officers for 1937-38:—

President, William Callan; resident vice-president, A. E. Marshall; nonresident vice-president, E. R. Weidleim; suburban vice-president, R. J. Moore; secretary, Robert T. Baldwin; treasurer, S. J. White; trustees, three-year term, J. A. Rafferty and Thomas Midgley, jr.; trustee for two years of unexpired term, Harry H. Replogle.

Harold L. Ickes, Secretary of the Interior, has informed Senator Tom Connally that he is in favor of making the petroleum-control act permanent.

Closing Market Developments

Tallow Trade Meeting

A meeting of members of the tallow futures trade of the New York Produce Exchange will be held in the manager's room at 3 p.m. today, to consider an amendment to the rules governing transactions in tallow futures. The proposed amendment would improve the contract by requiring that deliveries of tallow on contracts must be of a better grade than are tenderable under the existing contract.

Senega Root Higher

Quotations on senega root late last week were higher at 58c. to 59c. per pound following the withdrawal of competitive prices on the spot. Uva ursi leaves were also advanced, the market going to 15c. to 16c. per pound. Pulsatilla herb was firmer and golden seal root was well maintained by the upward price tendency.

Nitrogenous Material Soft

Although there were no sales reported, it was indicated that nitrogenous material was offering at $3.50 per unit for prompt shipment from local producing points.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Calcium Carbide:—Chile has increased the import duty on calcium carbide from 3.75 gold pesos to 5.00 gold pesos per 100 kilos gross.

Chemicals: — Argentina, in its 1937 budget law, exempts from import duty arsenious anhydride, calcium and sodium arsenate, sulphur, impure phenolic acids, and nicotine sulphate, when imported for making preparations to combat plant or animal diseases and pests.

Coaltar Dyes:—Netherland India has removed the prohibition of exportation of coaltar dyes and certain chemicals used as raw materials in the weaving and batik industries.

Gasoline-Alcohol Blend:—Sweden, by royal decree, has established a standard for the blend of gasoline with motor alcohol, sold as "Lattbentyl." The product must contain from 22 to 28 percent motor alcohol which is 99 percent pure by volume.

Phosphate Rock: — Tunisia has increased the special export tax on phosphate rock from 0.50 franc to 2.50 francs per ton.

Tartar, Crude: — Czechoslovakia has exempted crude tartar from the turnover tax of 3 percent of the duty-paid value.

Instalment Plan License Proposed for This City

ALBANY, Feb. 23, 1937

Painting contracts on the deferred payment plan in New York City would require a license for the person or corporation doing the business or performing the service, under the terms of a bill (A. 1118) introduced in the State Legislature by Assemblyman Marasco.

This bill, the provisions of which apply only to cities having a population of one million or more and to persons or corporations that had been engaged in the instalment-plan business for less than ten years, would require an annual license for "every person, firm, association, or corporation selling goods, wares, and merchandise or issuing checks or letters of credit to be used in obtaining goods, wares, or merchandise, or doing any other business or rendering any service." Licensing would require the payment of an annual fee of $50, and each licensee would be required to be bonded in the sum of $1,000 against fraud or misrepresentation.

Licenses would be issued by the city commissioner of licenses. Applicants would be required to furnish proof of "honesty, integrity, and good moral character." Licenses would be revocable for fraud or misrepresentation or failure to account fully for all payments received.

The Marasco bill has been referred to the assembly committee on general laws.

Arthur E. Bendelari, president of the Eagle-Picher Lead Company, Cincinnati, has been elected a director for three years of the American Mining Congress.

Chemical Price Average Higher

Another predominance of advances among price changes in the markets for heavy and fine chemicals raised the average appreciably last week. The influential advances were again chiefly in derivatives of nonferrous metals. Demand continued irregular, but aggregated larger than that of a year ago. The settlement of the automobile strike was reflected in the chemical markets, but talk of a trouble shadow in Pacific coast maritime circles was disturbing. There was some holding back for second-quarter schedules, but these will not be announced for two weeks. Improvement in demand spread in the coaltar division.

Prices were advanced on copper, blue vitriol, carbonate of copper, antimony, oxide of antimony, antimoniate of soda, tin crystals, oxide of tin, tetrachloride of tin, stannate of soda, lead, red lead, white lead, litharge, orange mineral, flake white, domestic woodflour, Singapore dammer, and Pontianak copal. Reductions were made in quotations on crude naphthalene, acetylsalicylic acid, iodide of potash, domestic casein, domestic dried blood, Western nitrogenous fertilizer material, and domestic tankage. Quotations on black oxide of copper were withdrawn.

The REPORTER's composite index number of prices for heavy and fine chemicals advanced to 126.0 (100—average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.2, against 88.8 at this time last year.

National Gypsum to Split Stock

The National Gypsum Company has called a special meeting of stockholders, March 23, to vote on a plan to eliminate the present class A and B stocks and substitute a new common stock of $1 par. The plan would authorize 2,500,000 shares of common, four shares to be exchanged for each class A share and six shares for each class B share.

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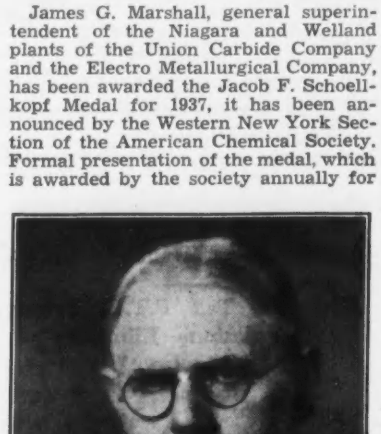
J. G. Marshall Awarded 1937 Schoellkopf Medal

James G. Marshall, general superintendent of the Niagara and Welland plants of the Union Carbide Company and the Electro Metallurgical Company, has been awarded the Jacob F. Schoellkopf Medal for 1937, it has been announced by the Western New York Section of the American Chemical Society. Formal presentation of the medal, which is awarded by the society annually for meritorious chemical achievement, will not be made until early in October as Mr. Marshall will be abroad in May, the usual time for the ceremony.



James G. Marshall

The award to Mr. Marshall is a tribute to his notable technical contributions to the calcium carbide and ferroalloy industry, his untiring efforts in behalf of civic betterment, and his unceasing interest in the improvement of working conditions. Established in 1931, the Schoellkopf medal recognizes and rewards outstanding achievement in industrial chemical research or administration in the Buffalo-Niagara Falls territory.

Mr. Marshall's engineering ability and natural inventive faculties have been of inestimable value to the carbide industry, both during its youth 40 years ago and during its subsequent growth to its present-day industrial importance. Because of the rapid expansion of the industry in the late nineties, mechanized conveying of the furnace mixture of lime and coke became imperative. Mr. Marshall's invention at this time of a successful reciprocating drag conveyor adapted to abrasive materials completely solved the technical difficulties. His further development of an electric furnace from which carbide could be tapped in liquid form was also of greatest economic importance.

One of the by-products of the carbide and ferro-alloys industries produced in large quantities is carbon monoxide which, until the invention of a practical means of collection, was wasted. Now, the daily collection of millions of cubic feet of gas heretofore wasted has resulted in the establishment of two new and important industries in Niagara Falls which use the recovered carbon monoxide as a raw material for producing methanol and dry ice.

Mr. Marshall's contributions to the methods and machinery of acetylene generation from calcium carbide have been of importance to other synthetic chemical industries. More than a million cubic feet of acetylene is used daily in the production of acetic acid and other products at Niagara Falls.

Trade News Briefs

Summers Fertilizer Company, Baltimore, reports that its office in Bangor, Me., has been moved to 194 Exchange street. Ralph E. Fraser is manager of the Bangor branch.

Salesmen's Association of the American Chemical Industry will hold a called meeting shortly for the purpose of amending its constitution so as to provide a more informative definition of the duties of the treasurer.

American Leather Chemists Association council, in a meeting in Newark, N. J., February 19, approved the tentative program for the thirty-fourth annual meeting of the association, which will be held June 8 to 11 in the Royal York hotel, Toronto.

Chemical Import Quota Limits Set by Greece

Restrictions Covering Various Groups Reported for Half of 1937

The Division of Foreign Tariffs of the Bureau of Foreign and Domestic Commerce has issued a report on the import quota restrictions established by Greece on chemicals and allied products for the first half of 1937. The report is based on a special memorandum received by the bureau from Athens and covers products which are free of import quota restrictions, products normally subject to barter which may be imported without barter from the United States, products subject to quantitative quotas, products imported on the basis of special import permits, products subject to quantitative or exchange quotas which may be imported on a barter basis, products which may be imported in excess of quotas if exchanged for Greek products, and products which are prohibited.

The products are divided into seven group classifications, as follows:—

Group A—Products of any origin which are free of import quota restrictions:

Tariff No.	Product.
51 c	Gum arabic, shellac.
51 i	Olibanum.
159 b/5, 6	Bicarbonate of soda, carbonate and bicarbonate of ammonia.
159 c/5	Ammonium sulphate.
159 d/2	Sodium nitrate.
159 g/11	Glycerin.
160 a/1-5	Phosphates and other chemical fertilizers.
161, a, b, except b/2, c, d/1-12, except 6 and 10	Drugs and pharmaceutical products, for which a permit from Bank of Greece is required (see group D).

Group B—Products normally subject to barter which may be imported without barter from the United States but within a global quota of 36,000,000 drachmas (about $324,000) semi-annually for American products in groups B, F and G.

Tariff No.	Product.
159 a/1, 2, 4, 5, 7, 9-15	All acids, except sulphuric, nitric, pure acetic and hydrochloric.
159 b/2, 3	Sodium carbonate, sodium hydroxide.
159 b/4	Potassium hydroxide.
159 c/2, 6, 7, 7 bis	Sulphate, sulphite and hyposulphite salts.
159 d (except d/2), e	Nitrate, nitrite, chlorate and chlorite salts.
159 f/1-11	Ethers and alcohols except compound ethers.
159 g/1, 2, 4, 5, 5 bis, 7, 8, 10, 12, 14-18	Sodium peroxide. Barium peroxide. Borax. Liquid ammonia. Formol, formaldehyde. Binitronaphthaline. Nitrobenzol, benzol, aniline oil and salts. Lysoform, lysol. Lime acetate. Wine lees, and tartrate of lime. Condensed gases. Carbon sulphide. Carbon tetrachloride. Asperine.
159 g 19	Miscellaneous chemicals, n. e. s., except sodium arsenate.
160 c 7	Casein.
160 c/8	Wafers of azym.
161 d 8	Only proprietary medicines imported in bulk of vials, approved by the Medical Council.
161 d 13	Insecticides.
161 e 1, 2	Only proprietary medicines approved by the Medical Council.
161 g	Only pharmaceutical preparations, n.e.s., imported in bulk or vials, approved by the Medical Council.
162	Aromatic distilled waters.
163 f	Anise oil.
167 a/2	Artificial indigo.
167 g, h	Bone black, vegetable carbon, carbon black.
168	Pigments.

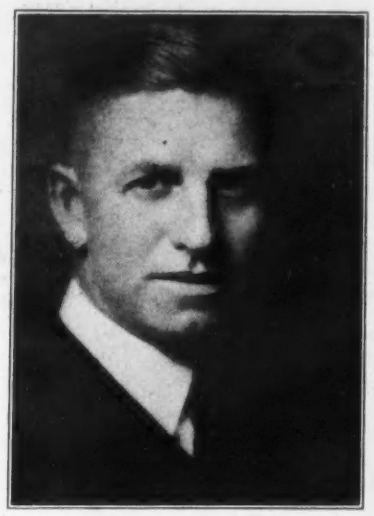
(Continued on page 33)

Helium exports in small quantities would be permitted without special permits from the War or Navy departments under the terms of a bill (H.R. 4415) introduced in Congress by Representative Lister Hill of Alabama.

Paper Technicians Give Medal

Dr. C. J. West Gets TAPPI Award for Bibliographic Service—All Officers Are Re-elected

Discussions on the important developments of chemical and mechanical research as relating to the paper and pulp industry; the awarding of a gold medal to Dr. Clarence J. West, of the Institute of Paper Chemistry, and the re-election of officers, constituted the major interests of the twenty-second annual convention of the Technical Association of the Pulp and Paper Industry, held at the Waldorf-Astoria hotel, this city, February 22 to 25.



Grellet N. Collins
Re-elected TAPPI President

The industry has had to become research conscious in a large way, having been goaded on to some extent by allied industries such as rayon, transparent films, lacquers and cellulose compounds, declared Grellet N. Collins in his address as president. He said the paper industry has not as yet "scratched the surface" in the development of by-products. Some individual companies are well equipped to carry on their own chemical and mechanical research, he added, but these companies are few in number. However, he pointed out that the smaller companies can do research on any scale they desire at the Institute of Paper Chemistry which is patronized by companies of all sizes.

Expansion in South

Mr. Collins went on to say that the proposed expansion of pulp and the interest shown in the South is going to have a far reaching effect. The manufacturing costs of the new mills will be lower, he said, and some of the older northern mills will be forced out of business as has already been indicated. Some of the northern mills will continue to survive because they are advantageously located. They will put in new machinery, improve their present process, improve their quality and decrease their costs with good management, he added. He further stated that experienced technical operators will be consulted about the best type of equipment, machinery and processes to incorporate in the new plants; in addition, high grade technical men will be required to operate and manage the new plants, as well as the old plants, in order to get low cost production with high quality. He said that the development in the South is forcing the industry to be scientifically minded by the substitution of sulphate for sulphite, especially with regard to semi-bleached and full-bleached pulps. In conclusion he stated that the past year has been the best the industry has seen for a great many years, and in fact since 1929 in practically all its branches.

Dr. Clarence J. West
Winner of TAPPI Gold Medal

Dr. West Receives Medal

In presenting the gold medal of the association to Dr. West, editor of the publication of the Institute of Paper

(Continued on page 50)

Safety Rules for Chemical Workers

By John S. Shaw

Manager, Safety and Service Department, Hercules Powder Company, Wilmington, Delaware

(Continued from February 22 issue)

Checking of Apparatus

When going on duty, the chemical operator should satisfy himself that the operating equipment he is about to use is in good condition and working normally. He may receive warnings or instructions from the previous shift operator, and from his working superior, but, at the same time, he should take nobody's word for the "lining up" of valves on chemical, gas, or liquid lines, electrical switches, etc. He should go over his equipment and personally "line up" his own valve set-up, or whatever it may be.

In handling chemicals, nobody's word should be taken by the man who is responsible for moving a chemical from one place to another as to how the set-up exists, unless, of course, it be through long distance and then by specified methods of signalling, such as telephone, bell, whistles, etc., where the set-up at the other end is the duty of a fellow-operator.

Spilled Liquids

Oftentimes, spills of liquid chemicals occur and when an operator observes a wet place on the floor, he should realize that he must not look up until he has retreated to a point where there will be no danger of splashes into his eyes or onto his body. This is an old rule of chemical workers, handed down from the age when chemical leaks and drips were frequent.

Control Equipment

The chemical operator should realize that the control features on all chemical equipment are there not only for operating purposes, but, in most cases, for safety; and in the event that any pressure or vacuum gage, thermometer, or what not indicates abnormal change or a bad condition, he should take steps immediately to rectify the condition as specified by his superior, usually by reporting the condition promptly. However, there are emergencies when he must safeguard the situation before reporting. It is taken for granted that these emergency conditions are provided for in his training. It is impossible to do more than generalize on this without the danger of misunderstanding.

Adequate Information

While "a little knowledge is a dangerous thing," the more the worker knows about the reasons for following prescribed methods, the better worker he is. He should acquaint himself with

(Continued on page 56)

Petroleum Refining Made Gains in 1935

Products Value Rose 33 Percent Over 1933—Employment Gained 12 Percent

Petroleum refineries in the United States reported for the year 1935 a total value of products of $1,838,621,913, compared with $1,378,636,948 for 1933, an increase in the number of persons employed from 69,047 in 1933 to 77,402 in 1935, and an increase in the amount of wages paid from $89,793,481 to $109,714,355, according to a preliminary report of the Bureau of the Census compiled from data collected in the biennial census of manufactures. Cost of materials, containers, fuel, and purchased electric energy, rose from $1,064,437,370 in 1933 to $1,478,224,853 in 1935.

Comparative statistics for the two years follow:—

	1935.	1933.
Number of establishments	394	389
Wage earners (average for year)	*77,402	69,047
Wages	$109,714,355	$89,793,481
Cost of materials, fuel, and purchased electric energy†	1,478,224,853	1,064,437,370
Products, total value	1,838,621,913	1,378,636,948
Refinery products	1,830,394,443	1,357,997,461
Other products, not normally belonging in the industry	3,584,369	5,493,592
Receipts for contract work	4,643,101	1,032,618
Refinery products, other products, and receipts for contract work, not reported separately	.....	14,123,277
Value added by manufacture‡	360,397,060	314,199,578

* Not including salaried officers and employees.

† Profits and losses cannot be calculated from the census figures because no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, and advertising.

‡ Value of products less cost of materials, containers, fuel, and purchased electric energy.

Petroleum Refinery Products, by Kind, Quantity and Value

	1935.	1933.
Light products of distillation (except tops)—		
Total gallons	18,766,014,735	16,354,817,643
Total value	$1,039,387,999	$773,181,965
Gasoline—		
Gallons	18,505,867,947	16,094,530,726
Value	$1,023,587,576	$759,183,106
Naphtha—		
Gallons	216,906,280	228,515,546
Value	$13,223,238	$12,251,380
Benzine—		
Gallons	43,241,099	31,771,371
Value	$2,577,185	$1,747,479
Illuminating oils—		
Gallons	2,194,731,494	1,949,862,606
Value	$94,178,808	$78,127,721
Fuel oils—		
Total gallons	15,905,205,577	13,295,106,853
Total value	$359,437,322	$268,236,655
Distillates—		
Gallons	1,782,051,447	1,598,816,084
Value	$60,982,655	$49,647,648
Gas oils—		
Gallons	2,709,187,970	1,977,442,889
Value	$85,549,854	$53,930,839
Residual fuel oils—		
Gallons	11,414,016,160	9,718,847,880
Value	$212,904,813	$149,658,168
Partially refined oils sold for rerunning—		
Total gallons	1,042,275,771	1,130,067,737
Above fuel oil	737,006,542	760,696,564
Fuel oil	276,557,168	345,215,231
Below fuel oil	28,712,061	24,155,942
Total value	$31,658,293	$23,733,608
Lubricating oils—		
Gallons	1,274,384,495	1,047,211,662
Value	$186,533,605	$142,444,081
Liquid asphaltic road oils—		
Gallons	406,967,817	300,243,118
Value	$13,346,322	$8,343,122
Greases—		
Total gallons	49,918,651	41,923,024
Total value	$12,739,929	$9,250,944
Petrolatum, mineral jelly, etc.—		
Gallons	18,327,253	14,710,994
Value	$2,607,820	$1,854,740
Lubricating greases, including axle grease—		
Gallons	31,591,398	27,212,030
Value	$10,132,109	$7,396,204
Paraffin wax—		
Gallons	61,200,766	72,851,936
Value	$11,000,554	$12,210,791
Acid oil—		
Gallons	64,664,056	85,627,032
Value	$826,807	$1,014,729
Asphalt other than liquid asphalt—		
Tons	1,962,272	1,789,798
Value	$20,820,007	$17,931,591
Petroleum coke—		
Tons	1,441,684	1,751,412
Value	$5,756,638	$5,581,928
Other refinery products (including tops), value	$54,708,159	$32,940,326

(Continued on page 54)

French cosmetic concern has a representative in the United States looking for agencies for pharmaceutical preparations. Details may be got from the Chemical Division, Bureau of Foreign and Domestic Commerce, Department of Commerce, Washington.

NAMES
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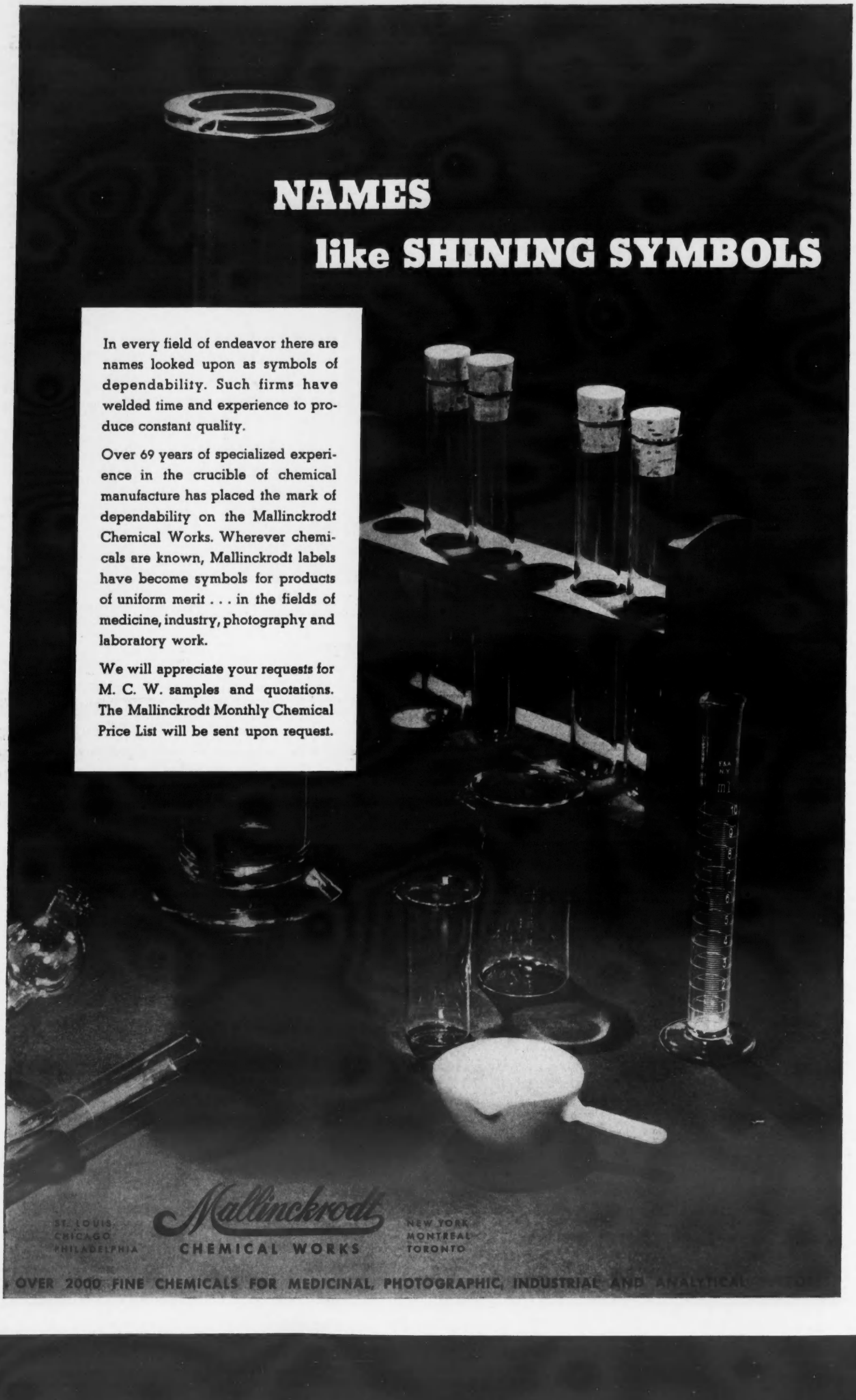
In every field of endeavor there are names looked upon as symbols of dependability. Such firms have welded time and experience to produce constant quality.

Over 69 years of specialized experience in the crucible of chemical manufacture has placed the mark of dependability on the Mallinckrodt Chemical Works. Wherever chemicals are known, Mallinckrodt labels have become symbols for products of uniform merit . . . in the fields of medicine, industry, photography and laboratory work.

We will appreciate your requests for M. C. W. samples and quotations. The Mallinckrodt Monthly Chemical Price List will be sent upon request.



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OVER 2000 FINE CHEMICALS FOR MEDICINAL, PHOTOGRAPHIC, INDUSTRIAL AND ANALYTICAL

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works..lb. .43 - —
smaller lots, works....lb. .48 - 1.00
tech., kegs, c.l., works....lb. .32 - —
l.c.l., 1,000 lbs., works..lb. .38 - —
smaller lots, works....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs....lb. .25 - —
smaller lots....lb. .26 - —
kegs, 1,000 lbs....lb. .26 - —
smaller lots....lb. .27 - —
Acetin, tech., dms....lb. .22 - .23
Acetoacetanilide, dms....lb. .65 - .70
Acetone, CP, dms., c.l., divd..lb. .07 - —
l.c.l., divd....lb. .07½- —
tanks, divd....lb. .06 - —
Methyl (see M)
Acetophenone, bots....lb. 1.30 - 1.45
cns., 25 lbs....lb. 1.15 - 1.25
dms., 100 lbs....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg....lb. 1.35 - —
smaller pkgs....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....06¾- —
l.c.l. ....lb. .07 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.25 - —
cbys. ....100 lbs. 2.75 - —
56%, bbls....100 lbs. 4.40 - —
cbys. ....100 lbs. 4.90 - —
70%, bbls....100 lbs. 5.50 - —
cbys. ....100 lbs. 6.00 - —
80%, bbls....100 lbs. 6.00 - —
cbys. ....100 lbs. 6.50 - —
glacial, nat., CP., cbys.100 lbs.14.00 - —
com'l., nat., bbls., c.l., 100 lbs. 8.00 - —
cbys. ....100 lbs. 8.50 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.43 - —
cbys. ....100 lbs. 8.93 - —
syn., al. dms., c.l.100 lbs. 8.43 - —
cbys. ....100 lbs. 8.93 - —
USP., reagent, 99.8%, al. dms..100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 30%, bbls., c.l....100 lbs. 3.52 - —
cbys. ....100 lbs. 8.92 - —
36%, bbls., c.l....100 lbs. 3.95 - —
cbys. ....100 lbs. 4.45 - —
60%, bbls., c.l....100 lbs. 6.63 - —
cbys. ....100 lbs. 7.13 - —
80%, bbls., c.l....100 lbs. 8.32 - —
cbys. ....100 lbs. 8.82 - —

Acetic acid prices for commercial or redistilled are for any quantity; l.c.l. prices for other grades are uniformly 25c. per 100 lbs. higher than c.l. prices.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys....lb. .14 - .15
Acetylsalicylic, USP, bbls. 225 lbs..lb. .50 - —
boxes, 25 lbs....lb. .51 - —
kegs, 100 lbs....lb. .50 - —
Anthranilic, refd., bbls....lb. .85 - .90
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l. E. works 100 lbs. 1.35 - 1.50
l.c.l., 25 or more, E. works, 100 lbs. 1.60 - 1.75
10-24, E. works....100 lbs. 2.35 - 2.50
1-9, E. works....100 lbs. 2.35 - 2.50
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs....lb. .44 - —
900 lbs. or less....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs....lb. .55 - —
900 lbs. or less....lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs....lb. .56 - .57
900 lbs. or less....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00

USP., $25 per ton higher.

Broenner's, bbls....lb. 1.11 - —
Butyric, 95%, w.w., cbys.,works, lb. .28 - .35
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - 5.70
Capric, dms....lb. .19½- .20
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .16 - .16½
Chicago, bbls....lb. 2.10 - —
Chlorosulphonic, dms., c.l., works..lb. .03½- —
5 drum lots, works....lb. .04 - —
single drum....lb. .05 - —
tanks, works....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .25 - —
kegs ....lb. .26 - —
gran., bbls....lb. .25½- —
kegs ....lb. .26½- —
powd., bbls....lb. .25½- —
anhyd., gran., dms....lb. .27½- —
powd., dms....lb. .28 - —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Acid, cleve's, bbls....lb. .50 - —
Cottonseed oil, dms....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .72 - —
l.c.l., same basis....gal. .74 - —
low-boil, dms., c.l., works, frt. equald..gal. .77 - —
l.c.l., same basis....gal. .79 - —
Imported pale, 97-99, dms..gal. .84 - .99
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis....lb. .09½- —
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l. ....lb. .11 - —
l.c.l., 25 and over....lb. .11½- —
1-24 ....lb. .12 - —
Southern territory, cbys., c.l., lb. .1220- .1290
l.c.l., 25 and over....lb. .1270- .1340
1-24 ....lb. .1320- .1390
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over....lb. .1235- —
1-24 ....lb. .1285- —
Fumaric, bbls....lb. .60 - —
Furoic, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works....lb. .45 - —
Gallic, tech., bbls....lb. .65 - .68
N.F., VI, bbls....lb. .77 - .80
Gamma, bbls....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djms..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12½
plastic grade....lb. .13¼- .14¾
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys....lb. .21½- .22½
USP, X, 85%, cbys....lb. .42 - .45
USP, VIII, 75%, cbys....lb. .40 - .43
Linseed oil, dark or light, dms..lb. .1300- .1340
tanks ....lb. .1240- —
extra white, dms....lb. .1125- .1175
split, dms....lb. .0950- .1000
Laurent's, bbls....lb. .45 - —
Maleic, powd., dms....lb. .30 - .40
anhydride, dms....lb. .33 - .43
Malic, powd., kegs....lb. .45 - .60
Mandelic, bots....lb. 3.50 - —
fib. dms....lb. 3.25 - —
jars ....lb. 3.25 - 3.35
Mixed, tanks, nitric unit....lb. .06½- .07½
sulphuric unit....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls....lb. .18 - .19
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, E. works..100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys., c.l., E. works, 100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., E. works, 100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
1 to 9, works..100 lbs. 2.95 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Myristic, dms....lb. .14¼- .15
white, redist., dms....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms, lb. .07 Nom.
210-230, dms....lb. .09 Nom.
240-280, dms....lb. .10 Nom.
sludges, dms....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
1 to 9, works..100 lbs. 6.00 - —
Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
1 to 9, works..100 lbs. 6.50 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
1 to 9, works..100 lbs. 7.00 - —
42°, cbys, c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24 works..100 lbs. 1.75 - —
1 to 9, works....100 lbs. 2.35 - —
tanks, E. works....ton.15.50 - —
98%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07¼
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.35.00 - —
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric USP. dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .21¾- —
smaller quantities....lb. .22¼- —
kgs. ....lb. .22¾- —
Tobias, bbls....lb. .65 - —
Trichloroacetic, bots....lb. 2.00 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .30 - .32
Aconitine, amorph., bots....oz.17.00 -18.00
vls. ....gr. .06 - .09
cryst., bots....oz.30.00 - —
vls. ....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms....lb. .16 - .18
Agar agar, 1, bls....lb. .95 - 1.00
2, bls....lb. .90 - Nom.
3, bls....lb. .70 - .75
Agaric, white, bls....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago....lb. .45 - .50
import, bgs....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .76 - .78
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld....lb. .143 - —
tanks, frt. alld....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Benzyl, bots....lb. .65 - 1.20

Acacia—Alum, Ammo.

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt., alld....lb. .10¼- —
tanks, frt., alld....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms....lb. .08½- —
tanks, same terms....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works....lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl., dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
coml., dms....lb. .95 - —
import, 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs....lb. .75 - —
coml., dms., 350 lbs....lb. .45 - —
Cinnamic, bots....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l., works, E., frt. equal..gal. 33 - —
20 dms., East....gal. .35 - —
1-19 dms., East....gal. .38 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .38 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works....gal. .29 - —

Anhydrous, 5c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .33 - —
20 dms., E. works...gal. .35 - —
1 to 19 dms., E. works, gal. .38 - —
tanks, E. works....gal. .27 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld....lb. .14 - —
tech., contract, dms., c.l., frt. alld. ....lb. .12½- —
l.c.l., frt. alld....lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.12 - —
19 bbls....gal. 4.14 - —
1 to 18 bbls....gal. 4.17 - —
dms., c.l....gal. 4.11 - —
19 dms....gal. 4.13 - —
1 to 18 dms....gal. 4.16 - —
tanks ....gal. 4.03 - —
absolute, dms....gal. 4.04 - 6.06½

Grain alcohol 40c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky mts.lb. .10 - —
l.c.l., same terms....lb. .10¼- —
tanks, same terms....lb. .09 - —
Isoamyl, primary, dms., l.c.l., divd. ....lb. .27 - —
cans, works....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld....gal. .35 - —
refd., 91% dms., cl., f.o.b. dest. E. of Miss. crossing ....gal. .50 - —
l.c.l., same terms....gal. .55 - —
tanks, same terms....gal. .40 - —
98%, dms., c.l., same terms, gal. .60 - —
l.c.l., same terms....gal. .65 - —
tanks, same terms....gal. .50 - —
tech., 91%, dms., c.l., same terms..gal. .45 - —
l.c.l., same terms....gal. .50 - —
tanks, same terms....gal. .35 - —
98%, dms., c.l. same terms, gal. .55 - —
l.c.l., same terms....gal. .60 - —
tanks, same terms....gal. .45 - —
Methyl (see Methanol)
Phenylethyl, bots., cns....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin).
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape, cs....lb. .18 - .19
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .52 - —
Alphanaphthylamine, bbls....lb. .32 - —
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
divd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
divd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
divd. N.Y., Phila...100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; divd. N.Y. prices apply to truck or ex warehouse.

Alum, Potash—Ammo. Iodide

Alum, potash, gran., bbls., works, 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03¼- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —

Alumina stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.80 - —
l.c.l., works, frt. equald..100 lbs. 1.60 - —
bbls., c.l., works, frt. equald 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works.....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd., met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l..lb. .19 - .19½
l.c.l. .....lb. .20 - .21
powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below).....lb. .90 - —
3,000-30,000 lbs., same basis..lb. .92 - —

Aluminum, powder, dry, lining, ext. fine, dms., 1,000-3,000 lbs., same basis. lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .55 - —
3,000-30,000 lbs., same basis..lb. .57 - —
1,000-3,000 lbs., same basis..lb. .60 - —
less than 1,000 lbs., same basis..lb. .65 - —
litho, ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —

Aluminum powder, dry, litho., wallpaper, dms., 3,000-30,000lbs, same basis. lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis..lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine, lining, dms., 30,000 lbs., same basis, lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs., same basis..lb. .82 - —
1,000-3,000 lbs., same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lb. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste prices, in single shipments are deductible as follows: 2,000 lbs., 1c. per lb. from 3,000-30,000 lb. prices; 5,000 lbs., ½c. from 30,000 lb. prices; 10,000 lbs., 1c. per lb. from 30,000 lb. prices; 25,000 lbs., 2c. per lb: from 30,000 lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz. 22.00 -35.00
Amidopyrene, fib., dms., 100 lbs.. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works..lb. .04¼- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .23

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lb. .65 - .70
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l., ...lb. .02½- —
tanks (on NH_3 content)...lb. .04½- —
tankwagons .....lb. .02 - —
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N.Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls..lb. .08 - .12¼
imported, csks.....lb. .08 - .12¼
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .11 - .18
kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, tech., dms.....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —

THE PIONEERING OF NEW PROCESSES

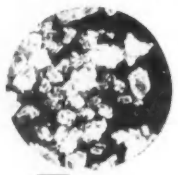
by General Chemical has been responsible in large measure for the refinement of HYPO* from a haphazard conglomerate into practically a CP product available in six distinct forms of rigidly uniform, free-flowing, quickly-soluble crystals. General Chemical has impressively enhanced the industrial utility of this product by meeting the most specialized requirements of different consuming industries.

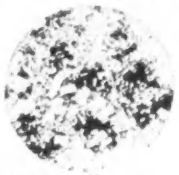
*"Sodium Hyposulphite," a name used in the trade to designate Sodium Thiosulphate, $Na_2S_2O_3 \cdot 5H_2O$.

Hypo Lump

Hypo Pea

Hypo Prismatic


Hypo Universal


Hypo Selected Universal

Hypo Granular

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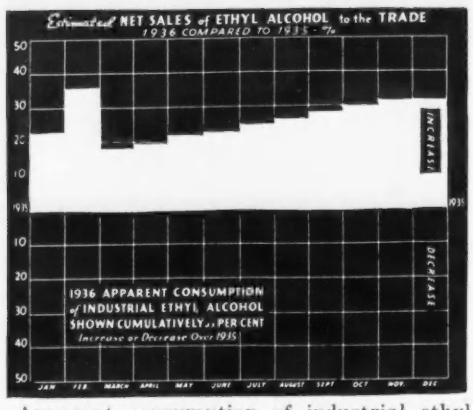
SOLVENT NEWS

MARCH ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1937


Estimated NET SALES of ETHYL ALCOHOL to the TRADE
1936 COMPARED TO 1935 - %
INCREASE
DECREASE
1935
1936 APPARENT CONSUMPTION of INDUSTRIAL ETHYL ALCOHOL SHOWN CUMULATIVELY - % PER CENT
Increase or Decrease Over 1935
JAN. FEB. MARCH APRIL MAY JUNE JULY AUGUST SEPT. OCT. NOV. DEC.

Apparent consumption of industrial ethyl alcohol from Jan. 1 to Dec. 31, 1936, was 81,386,000 wine gallons. This is 33.5 per cent greater than during the same period in 1935 when 60,951,000 wine gallons were consumed.

CLARIFY GASOLINE WITH 188 PROOF C. D. ALCOHOL

To eliminate turbidity in gasoline, a Midwestern refinery adds one part of U. S. I. completely denatured alcohol, 188 proof, to 30 or 40 thousand parts of gasoline. Before they began using alcohol for clarification, this company noted that the gasoline turned to a milky-white color when exposed to light for four or five minutes. They report that when this small percentage of denatured alcohol is added, the gasoline does not become turbid until exposed to light for four or five hours.

CELLULOSE DERIVATIVES IN NEW CIGARETTE FILTER

Viscose, cellulose acetate or other cellulose derivatives may be used as a porous, tubular filling for cigarettes, cigars or tobacco pipes according to the process outlined in a recent patent.

Described is a method for extruding a solution of cellulose ester through a suitable orifice, blowing this with multiple jets of air to open up longitudinal cavities, and then coagulating. Where viscose is used, it is stated that coagulation may be effected by immersion in baths of aqueous solutions of sulphuric acid and sodium sulphate.

Materials similar to finely divided cotton or wood pulp, inert fillers (e.g., chalk, kieselguhr, etc.) and plasticizers may be added to the composition, the patentees state.

PROCESS PROTECTS STEEL

Corrosion-proofing of structural steel by a special three-stage process—sold as a unit—is claimed by certain of the companies who are marketing this process. A rust-inhibiting solution described as consisting of solvents and dispersing agents, phosphoric acid and a chromium compound is applied to wire-brushed surfaces as the first step. Dissolution of grease and rust, and formation of a passive iron-chromium-phosphate deposit are said to result. This foundation coat, state the companies, is ready to receive the priming coat (zinc chromate and iron oxide in a synthetic base) within two hours with no other treatment but simple drying. A finishing coat of synthetic aluminum paint completes the process.

USE BLOWN OIL FOR PYROXYLIN LACQUER

Make Drying Oils Compatible With Lacquer Solvents by Extended Air Blowing

Gauged by the number of inquiries relating to *Solvent News'* description of a recent patent, research on the modification of drying oils for incorporation in nitrocellulose lacquers is a subject of considerable interest.

Another patent recently issued describes such a process. Linseed or similar drying oils are blown at about 55 deg. C. for an extended period—as long as 300 hours in some cases. When a product both soluble in ethyl alcohol and with a viscosity of at least 1 minute on the G and H scale is obtained, the reaction is considered complete.

The patentees dissolve this blown oil in a mixture of organic solvents such as alcohol-xylene which will deter further association reactions. The dissolved oil may then be used with nitrocellulose to form a lacquer for metal, etc., according to the patentees.

STUDY BUTYL XANTHATE AS RUBBER ACCELERATOR

Although butyl alcohol is already used in the manufacture of a number of rubber accelerators, its xanthate was recently under investigation as an accelerator of vulcanization for rubber cements. While butyl xanthate proved to be the most efficient among the accelerators studied, it presented several difficulties such as decomposition in handling.

These may be minimized to some extent by storing in closed jars at a temperature not exceeding 15 deg. C., but it is still apt to decompose, according to the investigators. However, in view of some of its possibilities, further studies are being made.

SMALL PLANES ADD TO LACQUER SALES

Production of Low-Priced Ships at New High Reports Engineer In Interview at Air Show

Among the spectacular exhibits at the National Aviation Show held recently in New York, one development stands out above all others in importance to lacquer manufacturers. Long distance weather forecasting, T.W.A.'s "Overweather Airplane," and the Army and Navy exhibits thrilled the lay visitor but to the manufacturer of aircraft finishes, the almost unheralded rise of private aircraft was intensely significant.

It is these planes, in the low price class of civil aviation, that are supplanting his older outlets and becoming an important market. Fabric-coated ships, selling around $1,000, are actually reaching mass production comparable to the early days of the automobile industry.

Half of Commercial Total

"When a single manufacturer, making only planes in this price class, accounts for almost one third of all the commercial planes built in the U. S., some idea of the growth of this type of aircraft may be gained," Walter C. Jamouneau, chief engineer of the Taylor Aircraft Corp., of Bradford, Pa., said in an exclusive interview with SOLVENT NEWS editors. "In addition, there are numerous other manufacturers producing planes of this type who brought the year's total to about one half of the total output of commercial planes."

The Taylor corporation epitomizes the status of the mushrooming industry. Beginning production in 1931 with an output of four planes, they manufactured 250 during 1935 and, in 1936, more than doubled their capacity, reaching an output of 550 units. In 1937 they expect to turn out 1,000 ships.

All Taylor "Cub" planes are finished with

(*Continued on next page*)

U.S.I.'s CURBAY BINDER when applied to gravel-surfaced road shoulders minimizes the formation of furrows and ruts (at lower left) and does much to provide a compact, long-wearing surface (at upper right) easy to maintain by routine dressing. Both photographs illustrate opposite sides of the same road on the same day. Inserts illustrate common method of application. Long used as a foundry core-binder, Curbay is being tested in a number of other applications such as briquetting, specialty binders, etc.

ADVERTISEMENT—*This entire page is a paid advertisement.*

MARCH ★ SOLVENT NEWS ★ 1937

USE SOLOX TO CLEAN ELECTRICAL EQUIPMENT

Cleaning motor windings and other electrical equipment has been suggested as a new use for Solox. According to "Power" magazine, water must never be used for this purpose. After loose dirt has been blown out by compressed air, the remaining oil and dirt can be loosened with Solox. An ordinary hand fire extinguisher may be used to apply the Solox. A second application of the air blast removes the loosened dirt.

Reasonable care should be practiced when using Solox in a confined space or near a flame. Under ordinary conditions it is a convenient, quick, and inexpensive fluid, evaporates readily and leaves the machine ready for service.

SMALL-PLANE LACQUERS

(Continued from preceding page)

nitrocellulose dopes. "Although cellulose acetate dopes are less flammable, a number of drawbacks have restricted their use in this country and they are, for the moment, less in demand than the nitrocellulose finishes," said Mr. Jamouneau.

Typical finishing schedules were outlined by Mr. Jamouneau. After a first coat of clear brushing dope, two coats of aluminum pigmented dope are sprayed on and then sanded.

LACQUER-COVERED LOW-COST PLANE

Typical of small, low-price planes, the Taylor "Cub" (Left) has a fabric covering impregnated with nitrocellulose dopes. A minimum of five coats are required for the finished job.

If the ship is to be finished with aluminum dope two more coats of this are added. When colored finishes are demanded, two coats of the desired color follow the sanding operation. Deluxe finishes call for several additional coats of dope, although this adds to the weight of the plane.

On Taylor "Cub" planes, the surface requiring finishes is distributed approximately as follows: fuselage—250 sq. ft., wings—360 sq. ft., tail—60 sq. ft. Close to 50 gallons of dope is used on each Taylor "Cub" plane and with an output of 1,000 units in sight, almost 50,000 gallons of dope will be consumed in this plant during 1937.

Small amounts of synthetic enamels are used to finish various metal parts such as engine cowling, etc., but decorative features such as insignia and striping are produced with pigmented dope.

Alcohol Is Heat Transfer Fluid in New Radiator

Taking advantage of the good heat-transfer characteristics of alcohol, an "alcohol steam radiator" has been developed. One or two pints of alcohol are placed in a "bottle" which takes the place of the cut-off valve on an ordinary radiator. The alcohol is vaporized and heated by a live steam jacket enclosing the bottle, then flows through the radiator where the alcohol vapor condenses and falls into a small reservoir beneath the radiator. By suitable mechanism, the liquid alcohol is returned to the bottle for reheating.

Advantages claimed for the device are elimination of valves and smoother regulation of radiator temperature; both said to be important in air-conditioning installations.

A folder giving the history and uses of industrial alcohol, a pictograph of its manufacture and a summary of government regulations has been prepared by U. S. I. Write for your copy.

TECHNICAL DEVELOPMENTS

The items in this column are gathered from many varied sources. Further information may be obtained by writing to U.S.I.

U S I

Plastic collapsible tubes formed of alternate layers with and without a plasticizer, have been patented in England. The layers are deposited on a glass or aluminum core to form a thickened closure end to which a block of the plastic is cemented. This block has a slit for the orifice and is reinforced by a metal collar which also opens and closes the orifice by making a quarter turn.

U S I

A laboratory colloid mill recently marketed is said to have the following features: Prevents separation and creaming of certain emulsions, gives smoother and smaller particle size emulsion, requires less emulsifying agent, will take samples as small as four ounces and has an output on a free-flowing emulsion of about 15 gallons an hour. Air is forced out of the grinding chamber through an air release, before starting, to prevent foaming.

U S I

Colors produced on metals by the anodic process may be duplicated by a new series of enamels, according to the manufacturer. The line is reported to be available in a form that may be mixed with clear lacquers to give many transparent colored effects without resorting to chemical processes.

U S I

A new thermosetting adhesive manufactured from starch is finding successful application in laminating corrugated board, according to reports. Being organic and non-alkaline, it does not affect brilliant inks or dull edged tools used in production, the manufacturer states.

U S I

Hard glass may be sealed with a new alloy said to match the coefficient of expansion of glass. It is useful for making vacuum tight seals, is impervious to mercury and may be soldered, brazed or welded to other metals as well as cold formed, according to reports.

U S I

A light-weight solder spray gun now on the market has a self-cleaning nozzle and will spray solder on steel or aluminum without heating the body surface, according to the maker.

U S I

Dynamic and static bending strength of plastics and molded materials can be measured with a new testing machine. Every mechanical test important to users of molded materials can be made from finished articles with the device according to reports.

U S I

An etching agent said to produce a uniformly etched surface on steel and make an effective anchorage for a subsequent protective finish is on the market.

U.S. INDUSTRIAL ALCOHOL CO.
INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

ALCOHOLS
Amyl Alcohols
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol
Ethyl Alcohols
Specially Denatured—All Formulas
Completely Denatured—All Formulas
Anhydrous-Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Solox—The General Solvent
Super Pyro—The Rustproof Anti-freeze
Pure (190 Proof)—Tax Paid, Tax Free

ALCOHOLS
Butyl Alcohols
Normal and Secondary
Methyl Alcohol

ANSOLS
Ansol M
Ansol PR

ETHERS
Ethyl Ether
U.S.P. and Absolute (A.C.S.)

NITROCELLULOSE SOLUTIONS
Collodions
U.S.P., U.S.P. Flexible and Photo
Cotton Solutions

ESTER SOLVENTS
Acetic Ether
Amyl Acetates
High Test
Commercial
Technical
Secondary
Butyl Acetates
Normal
Secondary
Diatol
Diethyl Carbonate
Estersols
Ethyl Acetates
85-88%, 90%, and U.S.P.
Ethyl Lactate

PLASTICIZERS
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER PRODUCTS
Acetoacetanilid
Ethyl Acetoacetate
Ethyl Chlorcarbonate
Ethyl Oxalate
Ethylene
Sodium Oxalacetate
Acetone
Methyl Acetone
Curbay Binder
Potash By-products

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

Ammonia, laurate, bbls.	lb.	.10	- —
Linoleate, 80%, anhyd., bbls.	lb.	.11	Nom.
Naphthenate, bbls.	lb.	.11	- —
Nitrate, tech., bags, c.l., works.			
100 lbs.		3.60	- —
bbls., works	100 lbs.	3.75	- —
l.c.l., bags, works	100 lbs.	3.85	- —
bbls., works	100 lbs.	4.00	- —
Oleate, dms.	lb.	.15	- —
Oxalate, neutral, cryst., powd., bbls., kgs.	lb.	.22½	- —
Perchlorate, kgs.	lb.	.16	- —
Persulphate, kgs.	lb.	.21	- .22
Phosphate, dibasic, N.F.V., bbls.	lb.	.37	- —
kgs.	lb.	.39	- —
tech., bbls., c.l.	lb.	.07½	- —
l.c.l.	lb.	.09	- .10
monobasic, purs, bbls.	lb.	.40	- .42
tech., bbls., c.l.	lb.	.07½	- —
l.c.l.	lb.	.09	- .10
Ricinoleate, bbls.	lb.	.15	- —
Salicylate, USP, kgs.	lb.	1.15	- 1.20
Sulphate, dom., bulk, c.l., Mar. June divy., divd., Ill., Ind., Mich., Ohio	ton.	25.00	- —
f.o.b. cars, Atlantic, Gulf ports	ton.	27.00	- —
Birmingham, Ala., ovens	ton.	27.00	- —
Northern ovens	ton.	2?.00	- —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.	ton.	26.00	- —
dbl. bgs., export, f.a.s. N.Y.,	ton.	No prices	
Sulphide, liquid, dms., works.	lb.	.12	- .15
tanks, delvd.	lb.	.11	- —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.	lb.	.14	- —
smaller lots, works.	lb.	.16	- —
pure, 99-100%, kgs.	lb.	.55	- —
Ammoniac, gum (see Gum, ammoniac).			
Sal, gray, dom., bbls. c.l.	100 lbs.	5.00	- 5.25
l.c.l.	100 lbs.	5.50	- .0620
import, gran., csks.	lb.	5.00	- .0620
white, gran., dom., bbls., contracts, works.	100 lbs.	5.06	- 5.06
import, csks.	100 lbs.	5.00	- 5.06
Amyl acetate, ex fusel oil, dms., c.l., works.	lb.	.11½	- —
l.c.l., frt. alld.	lb.	.12	- —
tanks, works	lb.	.10½	- —
ex pentane, dms., frt., alld.,	lb.	.125	- —
l.c.l., frt., alld.	lb.	.125	- —
tanks, frt., alld.	lb.	.115	- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts.	lb.	.09½	- —
l.c.l., same terms	lb.	.10	- —
tanks, same terms	lb.	.08½	- —
Alcohol (see Alcohol, amyl).			
Butyrate, dms., 50 gal., returnable.	lb.	.75	- —
Caproate, cns.	lb.	2.75	- —
Chloride, normal, dms., works.	lb.	.56	- —
small lots, works	lb.	.68	- —
Chlorides, mixed, tech., dms., c.l., works.	lb.	.07	- —
l.c.l., works	lb.	.077	- —
tanks, works	lb.	.06	- —
Mercaptan, dms., l.c.l., works.	lb.	1.10	- —
Nitrite, bots.	lb.	1.80	- 1.85
Oleate, dms., l.c.l., works	lb.	.25	- —
Salicylate, cans	lb.	.65	- 1.25
Stearate, dms., l.c.l. works.	lb.	.26	- —
Amylene, dms., c.l., works.	lb.	.102	- —
l.c.l., works	lb.	.11	- —
tanks, works	lb.	.09	- —
Anethol, bots.	lb.	1.10	- 1.15
Angelica root, dom., bls.	lb.	.23	- .25
import, natural, bls.	lb.	.35	- .38
twisted, bls.	lb.	.48	- .50
Angostura bark, bls.	lb.	.35	- .36
Anilin oil, dms.	lb.	.15	- .16
tanks	lb.	.14	- —
Salt, dms., works.	lb.	.22	- .24
Anise, Russian, bgs.	lb.	.09½	- .11
Spanish, bgs.	lb.	.13	- .13½
Star, bgs.	lb.	.11½	- .12
Anisic aldehyde, bots.	lb.	2.90	- 3.10
Annatto paste, bxs.	lb.	.34	- .37
Seed, bgs.	lb.	.07½	- .08½
Anthraquinone, 99.5%, subl., bbls.	lb.	.65	- —
Antimony, butter (see Antimony chloride).			
Chloride, solut., cbys.	lb.	.17	- —
Metal, dom.	lb.	.15¾	- —
Chinese, duty paid	lb.	.16½	- —
Needle, powd., bbls.	lb.	.14	- .16
Oxide, dom., bbls., c.l.	lb.	.15¼	Nom.
l.c.l.	lb.	.15½	Nom.
import, bbls.	lb.	.15½	Nom.
Salts, 65%, kgs.	lb.	.22	- .25
Sulphuret, golden, bbls.	lb.	.22	- .?3
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l.	lb.	.10½	- .13¼
Antipyrene, bbls., kgs., ton lots.	lb.	2.00	- —
smaller lots	lb.	2.10	- 2.15
Apomorphine, bots.	oz.	23.20	-23.70
Arohil extract, conc., bbls.	lb.	.21	- .27
double, bbls.	lb.	.18	- .20
triple, bbls.	lb.	.18	- .20
Areca nuts, powd., bbls.	lb.	.10	- .12
Arecoline hydrobromide, bots.,	oz.	5.50	- 6.50
Argols, crude, 30%, csks.	lb.	.07	- .08
80-85%, csks.	lb.	.16	- .18
Arnica flowers, bls.	lb.	.28	- .29
Root, bls.	lb.	.38	- .40
Arrowroot, St. Vincent, powd., bgs.	lb.	.08¾	- .08¾
bbls.	lb.	.08½	- .09
Arsenic iodide (arsenous), 5 lb. bots.	lb.	5.15	- —
jars	lb.	5.00	- —
Metal, lump, cs.	lb.	.42	- .43
Red, import., cs.	lb.	.15¾	- .16¼
Trioxide (see Acid, arsenous).			
White, powd., kgs., c.l.	lb.	.06	- —
l.c.l.	lb.	.06¾	- —
Arsenous chloride, cns.	lb.	4.85	- —
Asafetida, cs.	lb.	.18	- .19
powd., bbls., bxs.	lb.	.32	- .35
Asbestine (see Talc, N. Y. fibrous).			
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines	ton.	37.50	- —
5R, bgs., c.l. (20 tons), Canad. mines	ton.	35.00	- —
6D, bgs., c.l. (30 tons), Canad. mines	ton.	27.00	- —
7D, bgs., c.l. (30 tons), Canad. mines	ton.	23.00	- —
7F, bgs., c.l. (30 tons), Canad. mines	ton.	21.00	- —
7H, bgs., c.l. (30 tons), Canad. mines	ton.	17.00	- —
7K, bgs., c.l. (30 tons), Canad. mines	ton.	14.50	- —
7M, bgs., c.l. (30 tons), Canad. mines	ton.	12.00	- —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.	lb.	.02¼	- —
smaller lots, f.o.b. N.Y.	lb.	.03½	- —
AA, bgs., 20 tons, f.o.b. N. Y.	lb.	.08½	- —
smaller lots, f.o.b. N. Y.	lb.	.10¼	- —
California, dms., c.l., f.o.b. N.Y.	ton.	29.00	- —
l.c.l., f.o.b. N. Y.	ton.	36.50	- —
Cuban A., bgs., c.l., f.o.b. N. Y.	ton.	60.00	- —
l.c.l., f.o.b. N. Y.	ton.	90.00	- —
Asphaltum, Cuban, B, bgs., c.l., f.o.b. N.Y.	ton.	35.00	- —
l.c.l., f.o.b. N. Y.	ton.	55.00	- —
Egyptian, bgs., c.l., f.o.b. N.Y. lb.		.12	- —
l.c.l., f.o.b. N. Y.	lb.	.15	- —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points.	ton.	32.90	- —
seconds, bgs., c.l., Western shipt. points	ton.	25.50	- —
selects, bgs., c.l., Western shipt. points	ton.	30.50	- —
l.c.l., f.o.b., N. J. or N. Y., whse.	ton.	49.50	- —
Jet, bgs., c.l., Western shipping points	ton.	30.50	- —
Maltha, dms., c.l., f.o.b. N.Y.	ton.	29.00	- —
l.c.l., f.o.b. N. Y.	ton.	36.50	- —
Manjak (see Asphaltum, Barbados).			
Mexican, Texas, dms., c.l., refinery	ton.	19.00	- —
l.c.l., refinery	ton.	21.00	- —
tanks, refinery	ton.	16.00	- —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery	gal.	.13	- —
dms., c.l., E. cst., refinery.	gal.	.12	- —
tanks, Calif., refinery	ton.	12.50	-14.00
East Coast, refinery	gal.	.06	- .06⅛
Ill., Ind., refinery	gal.	.06½	- —
N. Orleans refinery	gal.	.06	- —
Wyo., refinery	gal.	.07½	- —
Atropine, bots.	oz.	5.25	- 5.80
Sulphate, bots.	oz.	2.90	- 3.55
cns.	oz.	2.85	- —

B

Balm of Gilead buds, bgs.	lb.	.21	- .23
Barberry bark, bgs.	lb.	.10	- .11
Root bark, bls.	lb.	.14	- .15
Barbital, cs.	lb.	3.25	- 3.30
Barium carbonate, natural, 90% grd., bgs., c.l., works.	ton.	42.00	- —
99%, 200 mesh, bgs., c.l., works.	ton.	45.00	- —
precip., bgs., bbls., c.l. works.	ton.	52.50	-57.50
l.c.l., works	ton.	57.50	-62.50
sulphur-free bgs., bbls., c.l., works.	ton.	57.50	-62.50
Chlorate, kgs.	lb.	.16¼	- .17⅛
Chloride, C.P., cryst., bbls.	lb.	.19	- —
dms.	lb.	.20	- —
tech., dom., cryst., bbls., bgs., c.l., Zone 1, divd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line.	ton.	72.00	-74.00
l.c.l., same basis	ton.	85.00	-87.00
Zone 2, bgs., bbls., c.l., divd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.	ton.	76.00	-78.00
l.c.l., same basis	ton.	89.00	-91.00
Zone 3, bgs., bbls., c.l., divd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz.,	ton.	82.00	-84.00
l.c.l., same basis	ton.	95.00	-97.00
Zone 4, bgs., bbls., c.l., divd. Wash., Ore., Cali., Nev.	ton.	78.00	-80.00
l.c.l., same basis	ton.	91.00	-93.00

Ammo. Laurate—Barytes

Barium, dioxide, dms.	lb.	.11	- .15
Fluoride, bbls.	lb.	.15	- .16
Fluosilicate, bbls.	lb.	.15	- .16
Hydrate (see Hydroxide).			
Hydroxide, bbls.	lb.	.04¾	- .05½
Iodide, bots.	lb.	4.30	- 4.45
Monoxide (see Oxide).			
Nitrate, cks.	lb.	.07	- .08¼
Oxide, dms.	lb.	.11	- .15
Peroxide (see Dioxide).			
Sulphate, tech. (see Barytes and blanc fixe).			
X-ray, bbls.	lb.	.09½	- .10
kgs.	lb.	.12	- —
Barytes, dom., floated, bbls., c.l., St. Louis.	ton.	23.65	- —
l.c.l., ex whse., Boston.	ton.	36.00	- —
Chicago	ton.	31.15	- —
Cleveland	ton.	33.50	- —
New York	ton.	32.00	- —
paper bgs., c.l., St. Louis.	ton.	22.85	- —
l.c.l., ex car, Baltimore.	ton.	30.70	- —
Boston	ton.	31.70	- —
Philadelphia	ton.	30.50	- —
ex whse., Baltimore.	ton.	32.10	- —
Boston	ton.	35.20	- —
Chicago	ton.	30.35	- —
Cleveland	ton.	33.00	- —
Detroit	ton.	33.00	- —
Kansas City	ton.	30.98	- —
Los Angeles	ton.	42.00	- —
New York	ton.	31.50	- —
Philadelphia	ton.	31.90	- —
San Francisco	ton.	42.00	- —
Toronto	ton.	39.30	- —

New Ideas FOR AN OLD INDUSTRY..

THIS company is now in the business of manufacturing cans. It enters the field at a time when the industry is beset with problems of readjustment.

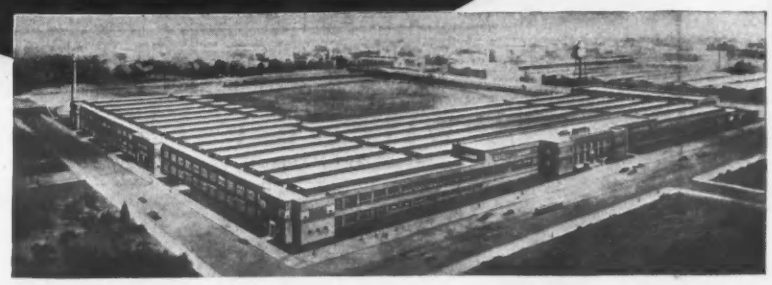
In this situation there are several facts of special interest to you:

1 Crown Can is independent of other manufacturers in this field. It is unhampered by traditions. It has no long established habits of thought or practice.

2 Crown Can has behind it the resources and laboratory facilities of one of the largest business institutions in the country. Its recently built modern plant provides unexcelled production and shipping facilities.

3 Crown Can brings to users of cans many progressive ideas and a new philosophy of business relations.

A Crown Can Representative will gladly explain the many advantages this service makes available to you.



Crown Cans

CROWN CAN CO. • PHILADELPHIA, PA.

DIVISION OF CROWN CORK AND SEAL COMPANY

Barytes—Blue

Barytes, dom., Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex wrhse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .71½Nom.
Bayberry bark, bgs.....lb. .35 - .40
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 96%, 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., cbys., dms. lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. 1.25 - —
5 to 25 lbs.....lb. 1.30 - 1.35
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .56 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb.13.00 -13.25
Hydrochloride, cns.....lb.13.00 -13.25
Sulphate, cns.....lb.14.75 -15.00
Berberis root, bls.....lb. .10 - .11
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .25 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanapthylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.77 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots....lb. 1.35 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.75 - —
Subbenzoate, 5-lb. bots.....lb. 3.37 - —
cns. .....lb. 3.25 - —
Subcarbonate, cns.....lb. 1.50 - —
fib. dms., kgs.....lb. 1.40 - —
X-ray, 5-lb. bots.....lb. 2.72 - —
fib. dms.....lb. 2.60 - —
Subgallate, cns.....lb. 1.60 - —
fib. dms.....lb. 1.50 - —
Subiodide, cns.....lb. 1.40 - —
fib. dms.....lb. 1.30 - —
Subnitrate, powd., bots., bbls., fib., dms..lb. 1.30 - —
cns. .....lb. 1.40 - —
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.62 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.57 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l. frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .08 - —
l.c.l., frt. alld. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
Black, carbon, special, 4 bgs, c.l., works..lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y, Ohio, part of Pa., Tenn., W. Va.)..lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones, lb. .07¼- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .06½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .23 - .25
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.90 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.90 - —
import, bgs., c.i.f. ports, Apr. shipt..unit-ton. 3.90 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ¼c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 4.75 - —
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open door.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis.lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse. is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.

FIRST UNITS

NOW IN PRODUCTION

Following the completion of a construction program that was carried through with record-breaking speed and efficiency the Witco Carbon Company announces that the initial units of its new plant at Sunray, Texas, are now in production.

From this plant, one of the largest in the world, we offer a product of strictly controlled quality. Produced with the most up-to-date equipment available, according to the most modern methods under the supervision of a highly experienced technical staff, this product is now available to the carbon black using industries.

WITCO CARBON COMPANY
295 MADISON AVENUE, NEW YORK, N. Y.

Blue, Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 5.35 - —
16-25, same basis.100 lbs. 5.60 - —
6-15, same basis..100 lbs. 5.70 - —
3-5, same basis...100 lbs. 5.95 - —
1-2, same basis...100 lbs. 6.10 - —
monohydrated, dms., c.l. dealers..lb. .08½- —
l.c.l., dealers.....lb. .09½- —
Bluestone (see Blue vitriol).
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -30.00
c.l.f., Atlantic ports..ton.36.25 - —
S.A., bgs., c.l.f. ports.ton. No prices.
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.22.00 -24.00
import, 100-lb. bgs., c.l.f. ports, Apr. shipt..ton.26.25 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.20.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.l.f. ports.ton.25.50 - —
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whose.....ton.55.00 -60.00
gran., obls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, dms., same basis.lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns.....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .12
Brown, iron oxide, pure precip., cks., f.o.b. N.Y. or works..lb. .12¼- —
Metallic, bbls., works.....lb. .0215- —
paper bgs., c.l., works.....lb. .02 - —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08½- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06½- —
12, bbls., same basis....lb. .06 - —
13, bbls., same basis....lb. .05¾- —
14, bbls., same basis....lb. .05¼- —
raw, American, bbls., works lb. .02⅝- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10⅞- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis....lb. .05¾- —
11, bbls., same basis....lb. .04¾- —
Umber, American, bbls., works. lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¼- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04⅝- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04⅞- —
Minneapolis .....lb. .0483- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .80 - .85
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, comi., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol).
Aldehyde, dms., l.c.l. .....lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Stearate, dms.....lb. .25 - —
Butyric, ether, bots.....gal. 6.95 - —
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, bots., jars.lb. 1.39 - 1.44
Iodide, bots.....lb. 3.77 - 3.82
jars .....lb. 3.65 - —
Lithopone (see Yellow).
Metals, cs.....lb. 1.05 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.05 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
25 lb. dms. 10,000 lbs., or more. lb. 2.08 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.18 - —
100 lbs.....lb. 2.28 - —
25 lbs.....lb. 2.40 - —
Caffeine, 10-lb. cns., 10,000 lbs., or more..lb. 2.10 - —
2,000 lbs., or more.....lb. 2.15 - —
1,000 lbs., or more.....lb. 2.20 - —
100 lbs.....lb. 2.30 - —
less than 100 lbs.....lb. 2.45 - 2.60
5-lb. cns., 25 lbs., or more. lb. 2.40 - —
less than 25 lbs.....lb. 2.55 - 2.70
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots.....lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾ —
l.c.l., dealers.....lb. .07¼- —
Southern cotton states, dealers, dms., c.l..lb. .06½- —
l.c.l., dealers.....lb. .07 - —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride flake, dom., 77-88%, bgs, dms., c.l., dlvd., ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Calcium gluconate, pharm. gran., powd., bbls., 125 lbs..lb. .50 - —
dms.,.....lb. .55 - .57
cns.....lb. .68 - .85
Glycerophosphate, fib., dms..lb. 1.05 - —
cns., 25 lbs.....lb. 1.30 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP, bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex-vessel..ton.26.10 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5 c.i.f. Atlantic ports..unit-ton. .72 Nom.
tribasic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
smaller lots.....lb. .21 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaC c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works. 100 lbs..lb. .85 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .45 - .50
Calomel, bbls., fib., dms.....lb. 1.40 - 1.41

"The Spirit of the Nation"

Did Brave Patriots Capture MAJOR ANDRÉ?

Most of us know that during the American Revolution Major John André paid with his life for his part in the treason of Benedict Arnold. Most of us probably believe, too, that André was captured by three Americans who had the highest patriotic motives. School textbooks do not always go into the details, but the facts are that in the territory lying between the American and British lines were bands of gangsters—"Cowboys" who robbed people, to the cry of "God Save the King," and the "Skinners" who robbed with equal zeal in the name of the Continental Congress. Both gangs preyed upon anybody they could.

André had to travel through this robber-infested territory to get back to the British lines after his meeting with General Arnold. Three of the "Skinners," by name, Paulding, van Wart, and Williams, had been lying in wait for the first traveler who might come along. They seized André, hoping to get money from him. If he had carried a well-filled purse, they would have been satisfied, and he might have gone on his way. But when they failed to find money in his pockets, they made him take off his shoes and there they found the incriminating papers. They then turned him over to the nearest American encampment, doubtless hoping to receive a liberal reward. It is believed they would still have let him go if he could have given them money.

Later, Congress gave each of the three a life pension and a medal inscribed "Fidelity" and "Vincit Amor Patriae."

Major Tallmadge, to whom had been entrusted the custody of André during his trial and until his execution, was a member of Congress from Connecticut when the proposal to honor Paulding, van Wart, and Williams came up. He exposed the three men and opposed the bill. But in as much as the nation had greatly profited by the capture of André, regardless of the captors' motives, the bill was passed. In other words, Congress broadmindedly honored the men even though they didn't truly represent the spirit of the nation.

♦♦♦♦ Science and industry today look to the name of Rossville—"the Spirit of the Nation"—for the finest alcohols the world has ever produced. Write for complete details about the type of Rossville Alcohol best suited for your particular purpose.

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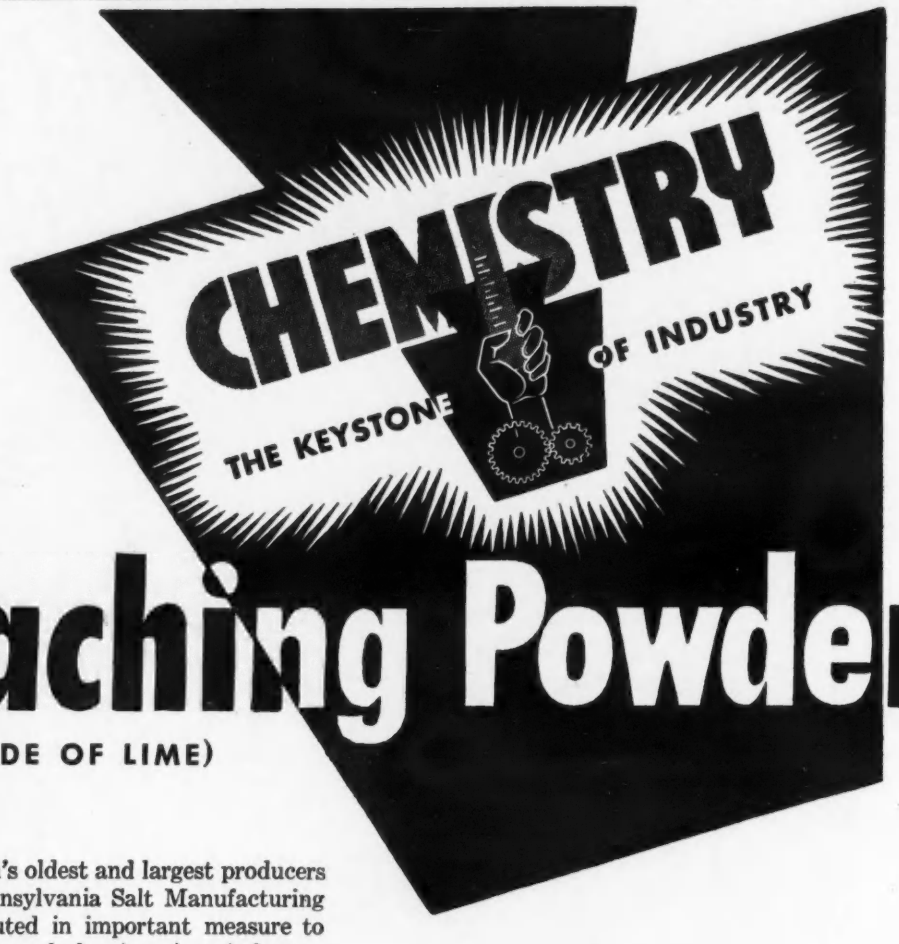
TERRE HAUTE, INDIANA
DISTILLERS OF
FINE ROSSVILLE ALCOHOLS • "THE SPIRIT OF THE NATION"
BRANCH OFFICES AND WAREHOUSES IN ALL PRINCIPAL CITIES

The 12th Annual Banquet of the Drug, Chemical and Allied Trades Section of the New York Board of Trade will be held March 4th at the Waldorf-Astoria Hotel

Camphor—Cochineal

Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs.....lb. .55 - .58
tablets, tins.....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs. .....lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .06¼- .06¾
Morocco, bgs.....lb. .06¼- .06¾
Turkish, bgs.....lb. .06 - .06⅛
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.35 - 1.40
powd., bxs.....lb. 1.70 - 1.75
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .08 - .08½
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works..... .80 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .85 - —
98.5-99%, dms., ton lots, works.lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis.lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls. .....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. all'd. E. of Miss. R., N. of Ohio R.....lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.70 - 2.00
decorticated, cs.....lb. 1.65 - 1.70
green, bgs.....lb. 1.15 - 1.25
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .13 - .14
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., divd..lb. .18¾- .19
5 tons, works.....lb. .19 - —
smaller lots, works.....lb. .20 - —
80-100 mesh, bgs., c.l., divd..lb. .19¼- —
5 tons, work.....lb. .19½- —
smaller lots, works....lb. .20½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .19 - —
80-100 mesh, bgs., c.l., duty pd..lb. .19¼- —
French, 30 mesh, bgs., c.l., duty pd..lb. .18¾- .19
Cassia, Batavia, 1, bgs.....lb. .12¾- .13¾
3, bls.....lb. .07½- .07½
short stick, bls.....lb. .11½- .12
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra bls.....lb. .04 - .04½
Saigon, bls.....lb. .15½- .16
Cassia buds, cs.....lb. .14 - .14½
Cassia fistula, bskts.....lb. .09 - .10
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.23.00 -24.00
import, bgs., c.i.f.,ports, shipment..ton. No prices.
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .20 - .20½
Indian, bgs.....lb. .16¾- .17¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, divd. N.Y...bbl. 6.10 - —
less than 5 tons, truck divy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works.. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .21
Roman, bls.....lb. .26 - .28
Charcoal, softwood, powd., bgs., c.l., divd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso).....ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¼- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works..ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works. ton. 8.50 - —
paper bgs., c.l., works. ton.11.00 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., divd., N.Y...lb. .05½- —
contracts, divd., N.Y...lb. .06½- —
l.c.l., divd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald.. 100 lbs. 3.00 - —
Chloroacetophenone,tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .35 - —
Chloropicrin, coml., 185-lb. cyls., works, frt. equald..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, bbls.....lb. .05 - .08
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Chrome, oxide (see Green, chrome oxide)
sulphate, pearls, bxs., cns., flb. dms..lb. .40 - .45
powd., bxs., cns., flb. dms.lb. .40 - .45
scales, bxs., cns., flb. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .20 - .22
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .20 - .22
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchrophen, USP., boxes, 5 lbs. lb. 3.75 - —
bots, 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .18½- Nom.
3, bls.....lb. .18 - .18½
Citral, cns.....lb. 1.75 - 3.15
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots.....lb. 1.00 - 1.25
Citronellol bots.....lb. 1.80 - 2.00
Clove, Madagascar, bls.....lb. .18½- .19
Zanzibar, bls.....lb. .18¾- .19¼
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
dms., c.l., works.....dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., divd.....lb. .58 - .60
kgs., divd.....lb. .65 - —
Carbonate, tech., bbls., divd.lb. 1.50 - —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.60 - —
Linoleate, paste, 6%, dms...lb. .29 - —
solid, 8½%, bbls.....lb. .31 - —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .13 Nom.
1%, bbls.....lb. .12½ Nom.
2%, bbls.....lb. .13½- —
3½%, bbls.....lb. .16½- —
precip., dms., divd.....lb. .31½- —
Sulphate, dms.....lb. .51 - .58
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37



Bleaching Powder

(CHLORIDE OF LIME)

As one of the Nation's oldest and largest producers of chemicals, Pennsylvania Salt Manufacturing Company has contributed in important measure to the consistent progress made by American industry.

Among the many quality products of this Company is Bleaching Powder (Chloride of Lime). In order to insure its freshness when it reaches customers, our policy is to avoid building up large inventories on this product. Our manufacturing facilities are such that it is always possible to supply fresh Bleaching Powder on short notice.

For large users, Bleaching Powder is packaged in non-corrosive galvanized drums holding approximately 100, 300 and 700 pounds. For small users, it is packaged in 10-pound cans. The services of our technical staff are always available.

Following are a few of the other Pennsylvania Salt Manufacturing Company products:

- CAUSTIC SODA
- KRYOLITH (NATURAL GREENLAND CRYOLITE)
- CHLORINE
- SODIUM ORTHOSILICATE, ANHYDROUS
- CARBON TETRACHLORIDE
- CARBON BISULPHIDE

EST. 1850

PENNSYLVANIA SALT MANUFACTURING COMPANY

EXECUTIVE OFFICES, WIDENER BLDG., PHILADELPHIA, PA.

BRANCH SALES OFFICES: NEW YORK · CHICAGO · ST. LOUIS · PITTSBURGH · TACOMA · WYANDOTTE

Cocciliana bark, bgs.....lb. .20 - .21
Cocoa butter, lumps, bgs., c.l..lb. .26¼ - —
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07½ - .08
Blue, root, bls.....lb. .06½ - .07
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms., 325 lbs..lb. .12½ - —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs..lb. .14½ - —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .70 - .75
Colombo root, bls.....lb. .50 - .52
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba balsam, Para, cns....lb. .45 - .47
S.A., USP, cns.....lb. .47 - .49
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-59%, bbls.....lb. .17¼ - .17½
18-20%, bbls.....lb. .10½ - .12½
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .14 - —
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. No prices
smaller lots, works....lb. No prices
Red, com'l, 50-75%, kgs., c.l., f.o.b. N. Y..lb. No prices
l.c.l., f.o.b. N. Y....lb. No prices
Resinate, precip., bbls.....lb. .18 - .19
Stearate, precip., bbls.....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.....
100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0330Nom.
Coriander seed, Morocco, bgs...lb. .05¼ - .05¾
bleached, bgs.....lb. .07 - .07½
Russian, bgs., lbs.....No stocks.
Corn sugar, tanners, bbls., dlvd. 100 lbs. 3.84 - —
ex whse.....100 lbs. 3.74 - —
Syrup, 42°, bbls.....100 lbs. 3.76 - —
43°, bbls.....100 lbs. 3.86 - —
Cornsilk, bls.....lb. .07½ - .08
Corrosive sublimate, cryst., bxs., lb. 1.28 - 1.33
dms., 25 lbs.....lb. 1.20 - —
gran., powd., bxs.....lb. 1.13 - 1.18
dms., 25 lbs.....lb. 1.05 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd..unit-ton. 1.00 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .21 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .15 - —
kgs.....lb. .15½ - —
smaller lots, bbls.....lb. .15½ - —
kgs.....lb. .16 - —
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms.....gal. .28 - —
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13 - .13½
Coaltar solution, tanks, works gal. .113 - .125
refd., bbls., c.l., works..gal. .22½ - —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10 - —
l.c.l., same basis.....lb. .10½ - —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast. lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
4% rotenone prices, 5c. per lb., less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .34 - .35
powd., cs.....lb. .38 - .39
Culver's root, bls.....lb. .17 - .19
Cumin seed, Algerian, bgs....lb. .07¾ - .08¼
Indian, bgs.....lb. .08¼ - .08¾
Morocco, bgs.....lb. .08 - .08½
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3 unit. 1.12½ - —
Atlantic ports. NH_3 unit. 1.07½ - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

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Damiana leaves, bls.....lb. .14 - .16
Dandelion root, German, bls..lb. .23 - .25
Deertongue leaves, bls.....lb. .25 - .30
Degras, common, dem., bbls...lb. .07¾ - .08
English, bbls.....lb. .07¾ - .08
neutral, dom., bbls.....lb. .11½ - .13
English, bbls.....lb. .11½ - .13
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., or Balto., frt. prepaid to West Coast ports..lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .39½ - —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
1 bbl., same basis....lb. .44 - —
less than 200 lbs., same basis..lb. .47 - —
import contracts, 30,000 lbs..lb. .21½ - —
10,000 lbs.....lb. .22 - —
4% rotenone prices 6c. per lb. less.
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.90 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.55 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 4.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import., bgs.....lb. .07¾ - .08¾
Tapioca, bgs., ex whse.....lb. .06 - —
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .078 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .19½ - —
l.c.l., dlvd.....lb. .20 - —
tanks, dlvd.....lb. .18½ - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., l.c.l. works lb. .75 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works .....lb. .085 - —
Dianisidin, bbls.....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -160.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .20 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms. .....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works .....lb. .16 - —
tanks, works .....lb. .14 - —
Diethanolamine, dms. .....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31½ - —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbino)
Phthalate, dms., c.l.....lb. .18 - —
l.c.l. .....lb. .18½ - —
tanks .....lb. .17 - —
Diethylanilin, dms.....lb. .50 - —
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .19 - —
l.c.l., works .....lb. .20 - .21
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l., dms., works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .26 - .30
Diglycol oleate, light, bbls....lb. .24 - —
Dillseed, recleaned, bgs.....lb. .06½ - .07
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .16½ - .17½
Dinitronaphthalene, kgs. .....lb. .35 - .38
Dinitrophenol, bbls. .....lb. .23 - .24
Dinitrotoluene, dms, ...lb. .14½ - .15½
oily, dms.....lb. .09 - —
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, dlvd.....lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms. .....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works .....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls. .....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots. .....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .13 - .14
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls. .....lb. .06½ - .07
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
86 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet .....lb. .90 - 1.00
165 Lake red C.....lb. 1.15 - 1.25
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U...lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct fast scarlet.....lb. 2.00 - 2.25
364 Paper yellow .....lb. .85 - .90
365 Chrysophenin G.....lb. .68 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .95
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
598 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
606 Acid violet .....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin (water soluble).lb. .35 - .50
1177 Indigo, 20 p.c., paste...lb. .16 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive .....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 8c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
18 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
860 Indulin .....lb. .70 - —
Brown:—
231 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
17 Amidoazotoluene yellow—lb. .75 - —
655 Auramine .....lb. 2.00 - —
900 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.80 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S. lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray .....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.60 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.50 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R. lb. .66 - —
231 Bismarck brown G..lb. .53 - —
332 Bismarck brown R..lb. .57 - —
796 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
557 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .55 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .43 - —
57 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .53 - —
183 Crocein scarlet 3BX.lb. .60 - —
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M.lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
768 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .32 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .33 - —
Yellow:—
10 Naphthol yellow S..lb. .38 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow.lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .35 - .40
Egg albumen (see Albumen), Yolk, dom., cs.....lb. .68 Nom
import, cs.....lb. .53 - .56
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .12 - .13
powd., bbls., bxs.....lb. .19 - .20
select, bndls., cs.....lb. .35 - .36
Emetine hydrochloride, bots., oz.15.00 -16.00
Ephedra, bls.....lb. .96 - .97
Ephedrine, tins, 100 ozs.....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.15 - —
smaller lots.....lb. 2.40 - —
bbls., c.l.....lb. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
kgs., c.l.....lb. 2.25 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.50 - —
smaller lots.....lb. 2.75 - —
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs., dms.....lb. 2.00 - 2.10
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms.....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots.....lb. .75 - .77
Sulphuric, conc., dms.....lb. .09 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms.....lb. .26 - .27
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½ - —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½ - —
anhyd., dms., c.l., frt. alld.lb. .06½ - —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07¼ - —
Acetoacetate, dms., c.l., works. lb. .27½ - —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .23 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.20
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .35 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylbenzylanilin, dms.....lb. .86 - —
Ethylcellulose, 501 lbs. and over, works..lb. 1.00 - —
101 lbs., works.....lb. 1.05 - —
smaller lots, works.....lb. 1.15 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.lb. .0545- —
West of Rockies, same basis .....lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld....lb. .0644- —
West of Rockies, same basis .....lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Ethyleneglycol, monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .25
tanks, works .....lb. .17 - —
Ethylidinanilin, dms. .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07¼ - —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns, dms.....lb. .60 - .65
Eucalyptus leaves, bls.....lb. .10 - .11
Eugenol, cns.....lb. 2.15 - 2.55
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works....ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07 - .07¼
India, bgs.....lb. .07½ - .08
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04¾ - .05¼
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½ - .13
smaller lots, E. works. lb. .13½ - .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 8.75 -13.00
Oregon, bbls.....gal. 3.00 - 3.25
Fish berries, bgs.....lb. .10 - .11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. No Prices
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.55.00 Nom.
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts .....unit-ton. No prices
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports..unit-ton. No prices.
Japanese, 11½% ammon., bgs., c.i.f. ports, April shipt..ton.52.00 - —
spot, re-sale.....ton.55.00 - —
Flake white, bbls., kgs.....lb. .09½ - .10
Flaxseed, French, black, bgs..lb. .12 - .12½
Indian, blonde, bgs.....lb. .08 - .09
Fluorspar, enamel, 96-98%, bgs., ton. No prices.
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton. No prices.
import., bulk, Atlantic ports, duty-paid..ton. No prices.
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton. No prices.
powd., 97½, import., bgs., Atlantic ports, duty-paid..ton. No Prices
Formaldehyde, bbls., c.l. works, lb. .05¾ - —
l.c.l., works.....lb. .06¼ - —
dms., c.l., works.....lb. .05¾ - —
l.c.l., works.....lb. .05¾ - —
tanks, works.....lb. .04½ - —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works. lb. .15 - —
l.c.l., works .....lb. .17½ - .25

Furfural—Gum, Copal

Furfural, tech., dms., contracts 150,000 lbs., works..lb. .10 - —
c.l. works..lb.
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. — - —
Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18
Fusic extract, cryst., bbls.....lb. .20 - .25
liquid, bbls.
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .46
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices
plantation, bgs.....lb. .09 - .10½
Cubes, Singapore, bgs.....lb. .09½- .10½
Extract, bbls.....lb. .08½- .10½
Gasoline, at refinery:—
Bayonne, c.l. to tor 82-83 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07¼- —
above 65 octane, tanks.gal. .07½- —
California 56-58, 375 e.p., tanks..gal. .07½- —
Gulf Coast, US motor, bulk.. gal. .05½- —
60-62, 300 e.p., bulk, export, gal. .05¾- —
60-62, 400 e.p., bulk, export, gal. .05¾- —
64-66, 375 e.p., bulk, export, gal. .05¾- .06
Louisiana-Arkansas, US motor,
62 octane, tanks..gal. .05¾- .06
63-67 octane, tanks....gal. .06½- .06⅝
68-70 octane, tanks....gal. .06¾- .06⅞
Oklahoma-Texas, U.S. motor, 62 octane and below, tanks..gal. .04⅝- .05⅜
63-67 octane, tanks....gal. .05½- .05⅝
68-70 octane, tanks....gal. .05¾- —
60-62, 400 e.p., tanks....gal. .04⅝- .05⅜
64-66, 375 e.p., tanks....gal. .05 - .05¼
natural, 12-lb. v.p., tanks gal. .05¼- .05½
14-lb. v.p., tanks.....gal. .05 - —
18-lb. v.p., tanks.....gal. .0420- .04½
22-lb. v.p., tanks.....gal. .0385- .04⅛
26-70-lb., v.p., tanks..gal. .03½- .03¾
Pennsylvania, US motor, below 60 octane, tanks.gal. .05¼- —
60 octane, tanks.....gal. .06¾- —
52-54, 450 e.p., naphtha, tanks..gal. .05½- —
54-56, 400 e.p., strt. run, tanks..gal. .05¼- —

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W.	S.S.
Atlanta	.205	.225
Boston	**.133**	**.16**
Chicago	.16	.18
Cincinnati	.175	.185
Denver	.17	.19
Louisville	.18	.20
Minneapolis	.164	.184
New Orleans	**.20**	**.235**
New York	**.13**	**.148**
San Francisco	**.17**	**.18**

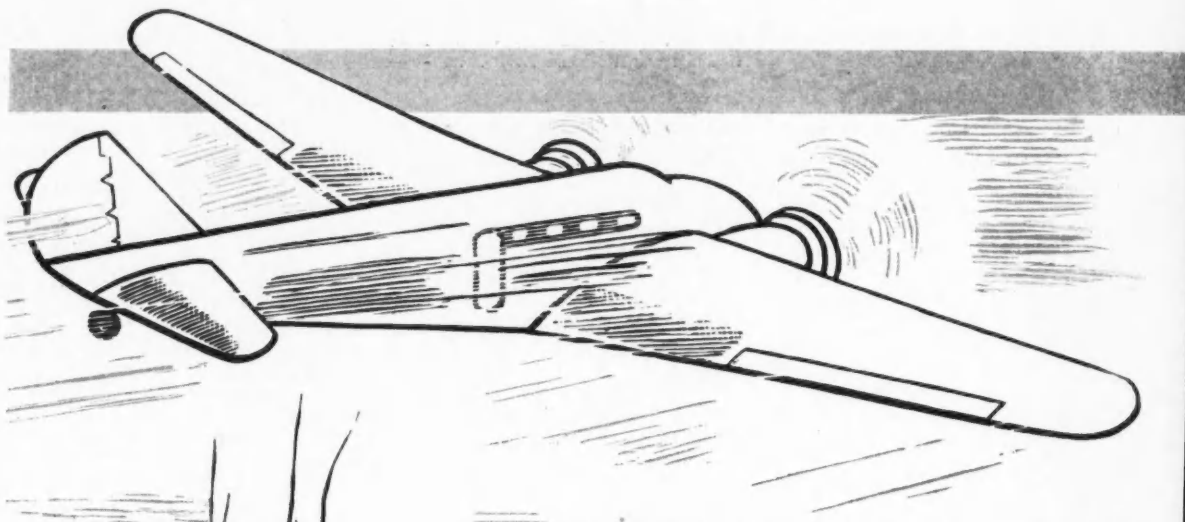
Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .15 - .16
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .18 - .19
Geraniol, cns.....lb. .75 - 3.00
Geranyl acetate, bots.....lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .15¼- .15⅝
Cochin, lemon, bgs.....lb. .18¼- .18⅝
Jamaica, bold, bgs.....lb. .18½- .19
grinding, bright, bgs.....lb. .15½- .16
medium, bold, bgs.....lb. .15 - .15½
Japanese, bgs.....lb. .16 - .16⅛
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.25
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
28/58, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —
38/82, bgs., c.l., dlvd.....lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
48/108, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .17¼- —
l.c.l., same basis.....lb. .18 - —
60/164, bgs..c.l., same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
67/192, bgs..c.l., same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
83/251, bgs..c.l., same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/265, bgs..c.l., same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., makers, cns., l.c.l. lb. .31 Nom.
resellers, cns., l.c.l.....lb. .33 Nom.
dms., extra; c.l.....lb. .29 Nom.
l.c.l.....lb. .29½ Nom.
dynamite, dms., extra, c.l....lb. .29 Nom.
l.c.l.....lb. .29½ Nom.
saponification, basis 88%, dms. returnable, dlvd..lb. .29 Nom.
soaplye, basis 80%, dms, returnable, dlvd..lb. .27 Nom.
yellow, distilled, dms. extra, cl. lb. .28¾ Nom.
l.c.l.....lb. .29½ Nom.
Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .29 - —
Stearate, dms.....lb. .23 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP "X" bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. No stocks
Golden seal root, bls.....lb. 3.00 - 3.15
powd., bxs.....lb. 3.30 - 3.45
Grains of paradise, bgs.....lb. .25 - .35
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06½- —
l.c.l., works.....lb. .06½- —
powd., 80% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03⅛ -
80% graphitic carbon, bgs., c.l., works..lb. .03¼-
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .08½- .08⅝
white, trcs.....lb. .08⅝- .10
yellow, trcs.....lb. .08½- .08⅝
Wool (see Adeps lanae and Degras)
Green, caroline, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .25 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —
Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Green, chrome, reduced, C.P. color content up to 5%, bbls., same basis..lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-13%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¾- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
chrome, oxide, dom., pure, bbls. .20 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
import, bbls., kgs., f.o.b. N.Y. ..lb. .— - .—
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .06¼- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.65 - 1.92
Carbonate, bxs., kgs.....lb. 2.15 - 2.40
Guarana, powd., cs.....lb. .75 - .80

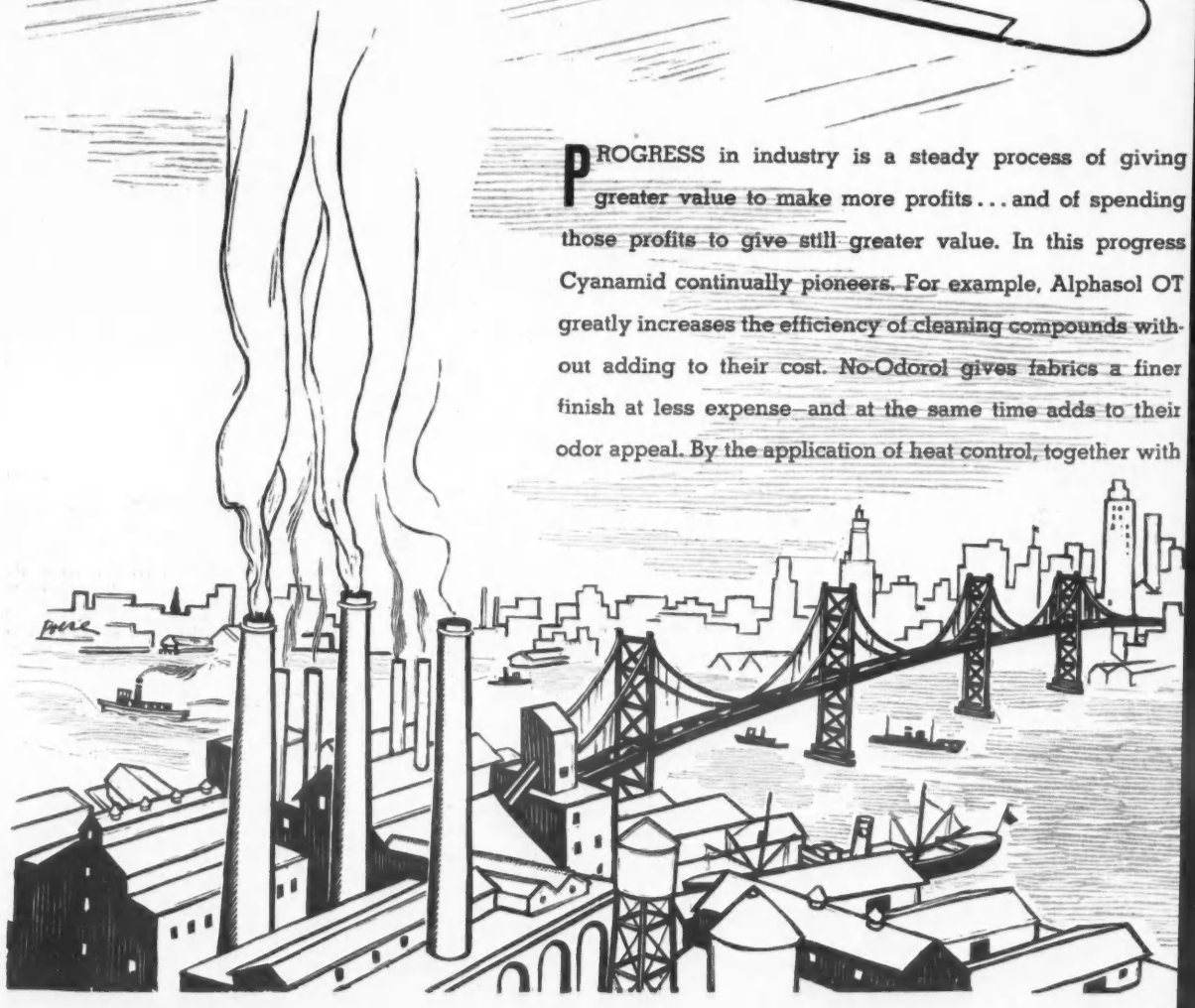
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. 1.05 - 1.10
Arabic, amber sorts, cleaned, bgs..lb. .10½- .11
white, sorts, 1, bgs.....lb. .27 - .28
2, bgs.....lb. .25 - .26
powd., bbls.....lb. .14 - .15
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.05 - 1.55
Sumatra, cs.....lb. .17 - .18
Camphor (see C)
Chicle, bgs.....lb. .40 - .45
Copal, Congo I, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .44 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs or over; ½c. higher for 1-9 bgs.
2, cloudy, white, bgs., c.l., same basis..lb. .27½- —
same basis..lb. .27¼- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .18¾- —
4, pale bold straw, bgs., c.l., same basis..lb. .16¾- —
5, pale straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs., c.l., same basis..lb. .12¼- —
7, pale straw bold, bgs., c.l., same basis..lb. .13¾- —
8, light amber bold, bgs., c.l., same basis..lb. .10¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .07¾- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .06¾-

PROFITS RIDE

ON THE WINGS OF PROGRESS



PROGRESS in industry is a steady process of giving greater value to make more profits . . . and of spending those profits to give still greater value. In this progress Cyanamid continually pioneers. For example, Alphasol OT greatly increases the efficiency of cleaning compounds without adding to their cost. No-Odorol gives fabrics a finer finish at less expense—and at the same time adds to their odor appeal. By the application of heat control, together with



Gum, copal, Congo, 12, selected bold sorts, bgs., c.l., same basis..lb. .05⅞- —
12, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .17⅝- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .06¼- —
17, pale fingers, bgs., c.l., same basis..lb. .16¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
19, pale straw nubs, bgs., c.l., same basis..lb. .10 - —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .06⅞- —
21, ordinary selected nubs, c.l., same basis..lb. .06 - —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¼- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05⅝- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12⅜- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05½- —
26, pale bold chips, bgs., c.l., same basis..lb. .05⅝- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04½- —
East India, Batu, bold scraped, bgs., c.l., same basis.lb. .06¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03⅝- —
dust, bgs.,c.l.,same basis.lb. .03⅝- —
nubs and chips, bgs., c.l., same basis..lb. .03⅜- —

Gum, copal, East India, black, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe, Macassar, pale, bold bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06½- —
dust, bgs., c.l.,same basis lb. .03⅝- —
nubs, bgs., c.l., same basis lb. .11½- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15⅝- —
chips, bgs., c.l., same basis lb. .05 - —
dust, bgs.,c.l.,same basis.lb. .03⅝- —
nubs,bgs.,c.l.,same basis.lb. .10⅝- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18½- —
loba A, bskts., c.l., same basis..lb. .09¼- —
B,bskts.,c.l., same basis.lb. .09¼- —
C,bskts.,c.l., same basis.lb. .08⅝- —
CNE, bskts., c.l., same basis..lb. .08 - —
D, bskts, c.l., same basis lb. .08¾- —
DK, bskts., c.l., same basis lb. .08 - —
DU, bskts., c.l., same basis lb. .08⅝- —
dust,bskts.,c.l., same basis. lb. .06¼- —
Sambas and white split chips, bskts., c.l., same basis..lb. .13¼- —
Singapore, dust, bskts., c.l., same basis..lb. .06½- —

Gum, copal, Manila, spirit- soluble, CBB, bskts., c.l., same basis..lb. .08⅜- —
DBB,bskts., c.l., same basis lb. .08⅜- —
MA, bskts, c.l., same basis. lb. .07¼- —
MB, bskts.,c.l., same basis. lb. .06¾- —
WS, bskts.,c.l., same basis. lb. .08¼- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09¼- —
nubs,bskts.,c.l.,same basis.. lb. .10⅜- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06¼- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l.,same basis lb. .14 - —
chips,bgs,c.l., same basis.lb. .11½- —
nubs, bgs.,c.l., same basis.lb. .13½- —
split,bgs.,c.l., same basis.lb. .14½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .23½- —
A/D, cs., c.l., same basis.lb. .18½- —
A/E, cs., c.l., same basis.lb. .15¼- —
B, cs., c.l., same basis...lb. .22½- —
C, cs., c.l., same basis...lb. .18½- —
D, cs., c.l., same basis..lb. .15⅝- —
dust, cs., c.l., same basis.lb. .06½- —
E, cs., c.l., same basis..lb. .08½- —
F, cs., c.l., same basis...lb. .06¼- —

Gum, Dammar—Hydro.

Gum, dammar, Singapore, 1, cs., c.l., same basis..lb. .18 - —
2, cs., c.l., same basis...lb. .15 - —
3, cs., c.l., same basis...lb. .05¾- —
chips, cs., c.l., same basis.lb. .10⅞- —
dust, cs., c.l., same basis.lb. .06 - —
seeds, cs., c.l., same basis.lb. .08½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., dlvd. lb. .11½- —
c.l., single shipment, dlvd. lb. .11½- —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .11¾- —
smaller lots, dlvd.....lb. .12 - —
Euphorbium, cs.....lb. .17 - .19
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .62 - .66
Gum, ghatti, soluble, bgs.....lb. .11 - .15
superior bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15¼- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .22 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins .....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .67 - .68
Myrrh, USP, cs.....lb. .65 - .75
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs. .....lb. .09¾- .10¼
Talha, bgs. .....lb. .05 - .06
Thus, bbls.....280 lbs.12.00 Nom.
strained, bbls.....280 lbs.12.00 Nom.
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 2.80
2, cs.....lb. 2.35 - 2.40
3 cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.00 - 2.05
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis,lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.10
Hellebore, white, root, powd., bbls.lb. 12 - .18
Helonias root, bls.....lb. .87 - .90
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .03¼- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03¾- .04¼
Henbane leaves, bls.....lb. .22 - .28
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09½- —
normal, 96-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms. .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more shipments, same basis..lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.....lb. .10 - —
l.c.l., same terms.....lb. .10½- —
tanks, same terms.....lb. .09 - —
Homatropine hydrobromide, bots., vls..oz.12.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.25 - —
Hops, dom., 1935 crop, bls....lb. .28 - .52
import., 1935 crop, bls.....lb. .55 - .80
Horehound, bls.....lb. .07½- .08
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.17.00 -17.25
Hydrochloride, vls.....oz.17.00 -17.25
Sulphate, vls.....oz.19.00 -19.25
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —

...ALL ALONG THE LINE

special modern equipment, Acco Casein is produced at a faster rate and reaches a new high in uniformity — with resulting improvements for paper producers.

These are typical examples. Thus, on a wide industrial front, Cyanamid cooperates to raise standards, create sales and increase profits. Equipped with up-to-date extensive research facilities, staffed by expert technical advisers and backed by a modern coordinated manufacturing and delivery system, we are prepared to give you the same service that is creating progress and profits in many industries from coast to coast.

AMERICAN CYANAMID & CHEMICAL CORPORATION

30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

ETHYL LACTATE. A high-boiling solvent used in base lacquers, lacquer thinners and mist coats of the spray type for the automotive and furniture industries. It is also used in brush type lacquers. As one of the few slow evaporating solvents for cellulose acetate it is widely used with this material for coatings and plastics. It is also suitable for use with cellulose aceto-butyrate, ethyl cellulose, shellac, and **REZYL Resins. It is nontoxic and therefore suitable for use in flavoring extracts and other food products.

WHITE LEATHERS, bleached with Tanak* and fatliquored with Ursulin*, have been proved not only to be outstanding in uniformity of whiteness, but to remain white by resisting oxidation to an unusual extent. This enables Shoe manufacturers to carry over stocks of white leathers for the next season, which could not be done heretofore with safety.

ALPHASOL* has been found an exceptionally good detergent for cleaning glassware, bottles, windows, and the like. It has a neutral reaction and it may be used in either neutral, alkaline or acid solutions. Nothing but Alphasol is used by one of the largest observatories in the country for cleaning the lenses on all instruments.

AERO* BRAND DI-SODIUM PHOSPHATE—the equal in quality of any produced. Used for silk weighting, boiler water treatment, and in the manufacture of cheese and pharmaceuticals.

AERO BRAND TRI-SODIUM PHOSPHATE is used in the production of cleaning, scouring and boiler compounds, and also by textile manufacturers. It is carefully cured and screened, and therefore mixes easily; it is uniform in strength and free flowing.

AMMONIUM PHOSPHATE. A special quality containing approximately 80% of Mono Ammonium Phosphate and 20% of insoluble material. Of particular interest for fireproofing, due to its low cost.

TEXTILE FINISHERS are finding NOODOROL doubly advantageous in the finishing of fine cotton, silk and rayon fabrics whether dyed, printed or bleached. It not only produces the soft "hand" and lustrous appearance so necessary in a quality product but prevents the development of the rancid "after-odors" which sometimes arise when these fabrics are kept in storage.

Consult Cyanamid for your chemical requirements for 1937 on both staples and specialties. Watch this column monthly for the announcement of other interesting Cyanamid developments. Technical information on these and other Cyanamid products is available on request.

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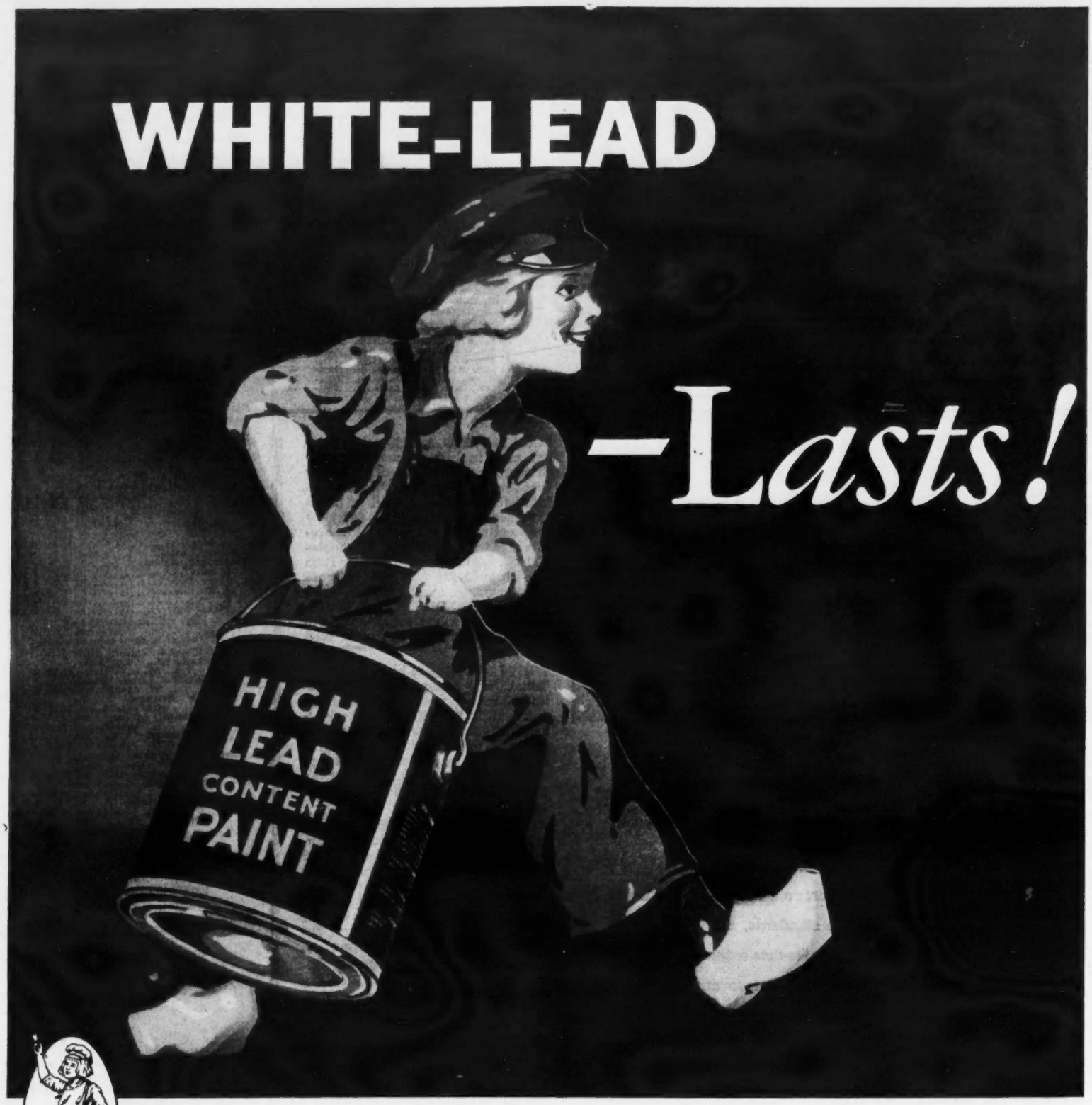
Protected by U. S. Patents

WHITE-LEAD



-Lasts!

The surest way to maintain the demand for your paints is to make them enduring.

The more white-lead you use the better the paint...not only in lasting qualities but ease of spread and in coverage.

Throughout the paint industry National Lead Company white-lead pigments are favorably known for their high quality and uniformity.

In addition to the white-lead pigments listed below, National Lead Company is also a dependable source of supply for lead oxides —red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Co. 800 Albany Street, Boston; National Lead & Oil Co. of Penna., 316 Fourth Avenue, Pittsburgh; John T. Lewis & Bros. Co., Widener Building, Philadelphia.

DRY WHITE-LEAD (Dutch or Carter process)

H. T. S. (High Tinting Strength) **WHITE-LEAD**

BASIC LEAD SULPHATE

Hydrogen, peroxide, USP, bbls.	lb.	.03½	.04
100 vols., cbys., E. of Miss. R.	lb.	.20	—
W. of Miss. R.	lb.	.21	—
Hydroquinone, bbls., kgs.	lb.	1.10	1.15
Hyoscine hydrobromide, vls.	oz.	15.00	18.25
Hyoscyamine, vls.	oz.	15.00	—
Hydrobromide, vls.	oz.	15.00	—
Sulphate, vls.	oz.	15.00	—
Hypernic, liq., 51°, bbls.	lb.	.15	.20
solid, bxs.	lb.	.17	.20

I

Iceland moss, bls.	lb.	.13	.14
Ichthyol, bots.	lb.	4.00	4.25
Indian red (see Red, Indian).			
Indigo, nat., Bengal, bbls.	lb.	2.40	—
synth., liq., bbls.	lb.	.16½	.19
powd., bbls.	lb.	.74½	.85
Indol, CP, bots.	lb.	34.00	36.00
Insect flowers (see Pyrethrum).			
Iodine, crude, kgs.	lb.	.90	—
resubl., kgs.	lb.	1.50	1.55
tincture, bbls.	gal.	1.90	—
Iodoform, kgs., 100 lbs.	lb.	3.75	3.80
Ionone, bots.	lb.	3.25	4.00
Ipecac root, bgs.	lb.	1.00	1.10
powd., bxs.	lb.	1.10	1.20
Irish moss, ordinary, bls.	lb.	.11	.12
powd., 80-90 mesh, bbls.	lb.	.24	.23
prime, bleached, bls.	lb.	.20	.21
Iron acetate, CP, 17% solut., bbls.	lb.	.03	.04
Chloride, tech., cryst., bbls., kgs.	lb.	.05	.06
USP, cryst., bbls.	lb.	.07½	.08
solut., cbys.	lb.	.06¼	.06½
Citrate, USP VIII, pearls, cns.	lb.	.72	—
powd., cns.	lb.	.84	—
scales, cns.	lb.	.77	—
Hypophosphite, cns.	lb.	1.55	1.60
Iodide, bots.	lb.	2.95	3.00
syrup, djns.	lb.	.37	.38
bots.	lb.	.52	—
Nitrate, coml., kgs.	lb.	.02¾	.03
Oxalate, powd., kgs.	lb.	.47	—
cns.	lb.	.52	—
scales, cns.	lb.	.83	.85
Oxide (see Black, Red, etc.).			
Phosphate, ferric, pearls, cns.	lb.	.54	—
scales, cns.	lb.	.59	—
Ferrous, cns.	lb.	.35	—
Pyrophosphate, pearls, cns.	lb.	.59	—
scales, cns.	lb.	.64	—
Reduced, 90%, cs.	lb.	.60	.65
Sulphate, tech. (see Copperas).			
USP, cryst., bbls.	lb.	.04¼	.04½
Iron-ammonia citrate, brown, gran., cns.	lb.	.37	.38
pearls, cns.	lb.	.37	.38
scales, cns.	lb.	.47	.48
green, gran., cns.	lb.	.37	.38
pearls, cns.	lb.	.37	.38
scales, cns.	lb.	.47	.48
Oxalate, bxs.	lb.	.31	—
fib., dms.	lb.	.24½	—
kgs.	lb.	.26½	—
Iron-potash oxalate, bbls.	lb.	.42	—
kgs.	lb.	.44	—
Iron-soda oxalate, bxs.	lb.	.48	—
fib., dms.	lb.	.31	—
kgs.	lb.	.24½	—
Isobutyl carbinol (see Carbinol).	lb.	.26½	—
Isopentane, dms., works.	lb.	.48	—
small lots, works.	lb.	.58	—
Isopropanol, see Alcohol, isopropyl.			
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.07½	—
l.c.l. same terms.	lb.	.08	—
tanks, same terms.	lb.	.06½	—
Alcohol (see Alcohol).			
Ether, dms., c.l., works, frt. alld. E. of Miss R.	lb.	.07	—
l.c.l.	lb.	.08	—
tanks	lb.	.06	—

J

Jaborandi leaves, bls.	lb.	.10	.11
Jalap root, NF, bls.	lb.	.17	.19
powd., bbls., bxs.	lb.	.21	.23
Juniper berries, bgs.	lb.	.06½	.06

K

Kamala, tins.	lb.	.45	.50
Kava kava root, bls.	lb.	.21	.25
Kerosene, at refinery:—			
Bayonne, 41-43 w.w., tanks.	gal.	.05¾	—
Gulf ports, p.w., bulk, export.	gal.	.05	.05¼
w.w., bulk, export	gal.	.05¼	.05¼
Louisiana - Arkansas, 41-43 w.w., bulk	gal.	.04¼	04¼
Oklahoma-Texas, 41-43 w.w. tanks.	gal.	.04¼	.04¼
42-44 w.w., tanks.	gal.	.04¼	.04¾
Pennsylvania, 45 w.w., tanks.	gal.	.05¼	—
46 w.w., tanks.	gal.	.05¼	—
47 w.w., tanks.	gal.	.05¾	—
Kerosene, tankwagon:—			
Atlanta	gal.	.14½	—
Boston	gal.	.07½	—
Chicago	gal.	.101	—
Cincinnati	gal.	.135	—
Denver	gal.	.11	—
Louisville	gal.	10	—
Minneapolis	gal.	.10½	—
New Orleans	gal.	.11	—
New York	gal.	.07¼	—
San Francisco	gal.	.115	—
Kerosene distillate (see Oil, furnace).			
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd.	ton.	No prices	
Kola nuts, bgs.	lb.	.10	.11

L

Lady slipper root, bls.	lb.	.42	.45
Lanolin (see Adeps lanae).			
Lard, city tubs	100 lbs.	12.75	13.00
Middlewestern, trcs.	100 lbs.	12.35	12.45
Western, choice, trcs.	100 lbs.	12.45	12.55
Compound, trcs.	100 lbs.	13.25	13.50
Neutral, trcs.	100 lbs.	13.75	14.00
Larkspur seed, bgs.	lb.	.25	.26
Laurel berries, bls.	lb.	.09	.10
Leaves, Ital., bls.	lb.	.05	.05¾
Lavender flowers, ordinary, bls.	lb.	.40	.42
select, bls.	lb.	.60	.75
Lead acetate, white, broken, bbls.	lb.	.11½	—
cryst., bbls	lb.	.11½	—
gran., bbls.	lb.	.12¼	—
powd., bbls.	lb.	.12¼	—
Lead, arsenate, dms., dealers, E. of Rockies	lb.	.10½	—
W. of Rockies	lb.	.10½	—
1,000 lbs. or more, dealers, dms., E. of Rockies	lb.	.11	—
W. of Rockies	lb.	.10¾	—
less than 1,000 lbs., dealers, E. of Rockies	lb.	.11½	—
W. of Rockies	lb.	.11½	—
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.			
Blue, basic, sulphate, bbls., c.l., dlvd., E.	lb.	.07½	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08	—
l.c.l., dlvd., E.	lb.	.07¾	—
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.	lb.	.08¼	—
Carbonate (see Lead, white).			
Chloride, pure, bxs.	**lb.**	**.40**	**.50**
Iodide, jars	**lb.**	**2.35**	**2.40**
Linoleate, pale, precip., dms.	**lb.**	**.18**	**—**
Metal (see daily quotations in market report)			
Metallic, paste, 200-lb. cont., f.o.b. works	lb.	.21	—
5 lb. cont., f.o.b. works	lb.	.24	—
Nitrate, bbls.	**lb.**	**.09**	**.09¼**
Oleate, bbls.	**lb.**	**.15**	**—**
Peroxide, cns., works	**lb.**	**.46**	**.47**
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¾	—
other points	lb.	.09½	—
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.10¼	—
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¾	—
Colo., Mont., N. Mex., Wyo.	lb.	.10½	—
other points	lb.	.10	—
smaller lots, dlvd., Ala., etc.	lb.	.10¾	—
Ariz., etc.	lb.	.11¼	—
Colo., etc.	lb.	.11	—
other points	lb.	.10½	—
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.	lb.	.10	—
other points	lb.	.09¾	—
l.c.l., 5 tons, dlvd., Ala., etc.	lb.	.10½	—
Ariz., etc.	lb.	.11	—
Colo., etc.	lb.	.10¾	—
other points	lb.	.10¼	—
smaller lots, dlvd. Ala., etc.	lb.	.11	—
Ariz., etc.	lb.	.11½	—
Colo., etc.	lb.	.11¼	—
other points	lb.	.10¾	—
98%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.	lb.	.10¼	—
other points	lb.	.10	—
l.c.l., 5 tons, dlvd. Ala., etc.	lb.	.10¾	—
Ariz., etc.	lb.	.11¼	—
Colo., etc.	lb.	.11	—
other points	lb.	.10½	—
smaller lots, dlvd. Ala., etc.	lb.	.11¼	—
Ariz., etc.	lb.	.11¾	—
Colo., etc.	lb.	.11½	—
other points	lb.	.10¾	—
98%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.	lb.	.09½	—
pale, bbls.	lb.	.12½	—
precip., bbls.	lb.	.16½	—
Stearate, bbls.	lb.	.22	.23
Sulphate (see Lead, white)			
Titanate, bbls., c.l., f.o.b. works, frt. alld.	lb.	.10	—
l.c.l., 5 tons, one delvy, dlvd.	lb.	.10¾	—
smaller lots	lb.	.10¼	—
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash and Wyo.	lb.	.08½	—
other points	lb.	.08¾	—
l.c.l. dlvd. Ariz., etc.	lb.	.08¾	—
other points	lb.	.08½	—
basic sulphate, bbls., c.l. dlvd. Ariz., etc.	lb.	.07¾	—
other points	lb.	.07½	—
l.c.l., dlvd. Ariz., etc.	lb.	.08	—
other points	lb.	.07¾	—
in oil, 100-lb. kgs., 1,000 lbs., dlvd.	lb.	.11¾	—
500 lbs., dlvd	lb.	.12	—
smaller lots, dlvd.	lb.	.13	—
Lemon peel, bls.	**lb.**	**.09**	**.10**
Licorice extract, mass, cs.	**lb.**	**.17**	**.18**
powd., bbls.	**lb.**	**.27**	**.29**
Root, bls.	**lb.**	**.04½**	**.05**
powd., bbls., bxs.	**lb.**	**.07**	**.08**
select, bndls., cs.	**lb**	**.20**	**.21**
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.	ton.	7.00	—
Berkeley, W. Va.	ton.	7.00	—
California, northern.	ton.	11.80	—
southern	ton.	11.45	—
Cedar Hollow, Pa.	ton.	8.00	—
Chicago	ton.	7.25	—
Crab Orchard, Tenn.	ton.	6.25	—
Dallas, Texas.	ton.	8.50	—
Durbin, Ohio.	ton.	6.50	—
Eagle Mountain, Va.	ton.	6.25	—
Easton, La.	ton.	7.00	—
Farnams, Mass.	ton.	7.50	—
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Gibsonburg, Ohio.	ton.	7.00	—
Hannibal, Mo.	ton.	6.50	—
Keystone, Ala.	ton.	7.00	—
Knoxville, Tenn.	ton.	6.25	—
Leroy, Minn.	ton.	8.00	—
Limedale, Ark.	ton.	7.00	—
Longview, Ala.	ton.	6.25	—
Marble Cliff, Ohio.	ton.	6.50	—
Marblehead, Ohio.	ton.	7.00	—
Martinsburg, W. Va.	ton.	7.00	—
Menominee, Mich.	ton.	7.50	—
Mitchell, Ind.	ton.	6.50	—
Newala, Ala.	ton.	6.25	—
Petosky, Mich.	ton.	8.00	—
Port Island, Mich.	ton.	7.50	—
Ripplemead, Va.	ton.	6.25	—
Riverton, Va.	ton.	6.25	—
Scioto, Ohio.	ton.	6.00	—
Sheboygan, Wis.	ton.	7.00	—
Sherwood, Wis.	ton.	7.50	—
Springfield, Mo.	ton.	7.00	—
Woodville, Ohio.	ton.	7.00	—
Lime, hydrated, paper bags., f.o.b. Bellefonte, Pa.	ton.	8.50	—
Berkeley, W. Va.	ton.	8.50	—
Buffalo	ton.	11.00	—
California, northern.	ton.	15.30	—
southern	ton.	13.95	—
Cedar Hollow, Pa.	ton.	8.50	—
Chicago	ton.	9.50	—
Crab Orchard, Tenn.	ton.	9.00	—
Dallas, Tex.	ton.	12.00	—
Durbin, Ohio.	ton.	8.00	—
Eagle Mountain, Va.	ton.	8.50	—
Easton, La.	ton.	9.00	—
Farnams, Mass.	ton.	9.00	—
Gibsonburg, Ohio.	ton.	8.50	—
Hannibal, Mo.	ton.	8.50	—
Keystone, Ala.	ton.	9.00	—
Knoxville, Tenn.	ton.	9.00	—
Limedale, Ark.	ton.	9.00	—
Longview, Ala.	ton.	9.00	—
Louisville, Ky.	ton.	14.50	—
Marble Cliff, Ohio.	ton.	8.00	—
Marblehead, Ohio.	ton.	9.00	—
Martinsburg, W. Va.	ton.	8.50	—
Milltown, Ind.	ton.	12.50	—
Mitchell, Ind.	ton.	9.00	—
Newala, Ala.	ton.	9.00	—
Pelham, Ala.	ton.	9.00	—
Petosky, Mich.	ton.	9.00	—
Port Island, Mich.	ton.	9.00	—
Rapid City, S. D.	ton.	12.00	—
Ripplemead, Va.	ton.	8.00	—
Riverton, Va.	ton.	9.00	—
Scioto, Ohio.	ton.	8.00	—
Sherwood, Wis.	ton.	9.00	—
Siluria, Ala.	ton.	9.00	—
Springfield, Mo.	ton.	9.00	—
Woodville, Ohio.	ton.	8.50	—
spray, paper bgs., f.o.b. Bellefonte, Pa.	ton.	9.00	—
Durbin, Ohio.	ton.	9.00	—
Farnams, Mass.	ton.	9.00	—
Gibsonburg, Ohio.	ton.	11.00	—
Marble Cliff, Ohio.	ton.	11.00	—
Marblehead, Ohio.	ton.	11.00	—
Mitchell, Ind.	ton.	9.00	—
Scioto, Ohio.	ton.	9.00	—
Sherwood, Wis.	ton.	9.00	—
Woodville, Ohio.	ton.	11.00	—
Salts (see Calcium)			
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex.	lb.	.07¼	.08½
dms., same basis	lb.	.10½	—
400 lbs. or more, bgs. same basis.	lb.	.07¾	.08¾
dms., same basis	lb.	.11	—
less than 400 lbs., same basis, lb.	lb.	.08½	.09½
dms., same basis	lb.	.12	—
Solution, dms., consumer, c.l., works, fr't all'd.	gal.	.13½	.16½
dealer, fr't all'd.	gal.	.13	.16
l.c.l., consumer, fr't all'd	gal.	.15	.18
dealer, fr't all'd.	gal.	.14	.17
tanks, consumer, dlvd.	gal.	.11½	—
dealer, dlvd.	gal.	.11	—
Linalool, cns.	**lb.**	**1.90**	**2.10**
Linalyl acetate, cns., 25 lbs.	lb.	1.60	2.35
Linden flowers, with leaves, bls.	lb.	.16	.17
without leaves, bls.	lb.	.17	.18
Linseed cake, bgs., export	**ton.**	**34.00**	**—**
Meal, 32%, dom., bgs.	**ton.**	**42.50**	**—**
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.08¾	—
other points	lb.	.08½	—
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.09¼	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.09¾	—
Colo., Mont., N. Mex., Wyo.	lb.	.09½	—
other points	lb.	.09	—
smaller lots, dlvd., Ala., etc.	lb.	.09¾	—
Ariz., etc.	lb.	.10¼	—
Colo., etc.	lb.	.10	—
other points	lb.	.09½	—
Lithium bromide, jars	lb.	1.70	1.75
Carbonate, bbls.	lb.	1.25	1.30
Chloride, bbls.	lb.	1.95	2.00
Citrate, bbls.	lb.	1.40	1.50
Iodide, bots.	lb.	4.85	—
jars	lb.	4.70	—
Fluoride, bbls.	lb.	2.00	2.50
Lithopone, dom., high-strength, bgs., 1,000 lbs., dlvd. E. or ex whse. Pac. Cst.	lb.	.05¾	—
smaller lots, same basis.	lb.	.06	—
bbls., 1,000 lbs., same basis, lb.	lb.	.06	—
smaller lots, same basis.	lb.	.06¼	—
ordinary, bgs., 1,000 lbs., same basis.	lb.	.04¼	—
smaller lots, same basis.	lb.	.04½	—
bbls., 1,000 lbs., same basis.	lb.	.04¾	—
smaller lots, same basis.	lb.	.04¾	—
titanated, bgs., 1,000 lbs., same basis.	lb.	.05¾	—
smaller lots, same basis.	lb.	.06	—
bbls., 1,000 lbs., same basis, lb.	lb.	.06	—
smaller lots, same basis.	lb.	.06¼	—
Liverwort leaves, bls.	lb.	.18	.19
Lobelia herb, bls.	lb.	.13	.15
Seed, bgs.	lb.	.35	.36
Logwood extract, cryst., bbls.	lb.	.16	.20
liquid, 51°, bbls.	lb.	.08½	.10½
solid, bxs.	lb.	.13½	.17
Sticks, Haitian, shipt.	ton.	24.00	25.00
Lovage root, dom., bls.	lb.	.55	.65
Import, bls.	lb.	.35	.37
Lupulin, N.F., tins	lb.	1.75	2.00
Lycopodium, cs.	lb.	.95	1.00

M

Mace, Banda, cs.	lb.	.62	.64
Batavia, cs.	lb.	.48	.49
Siauw 1, cs.	lb.	.55	.57
Madder, Dutch, ogs.	lb.	.22	.25
Magnesia arsenate, bgs.	lb.	.18	.20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.27	—
1,000-10,000 lbs., same basis.	lb.	.28½	—
less than 1,000 lbs., same basis.	lb.	.30	—
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.28	—
1-lb. pkgs., same basis.	lb.	.38	—
light, bbls., same basis.	lb.	.28	—
1-lb tins, same basis.	lb.	.33	—

Hydrogen—Methyl Acet.

Magnesia, calcined, USP, heavy, bbls., same basis.	lb.	.30	—
1-lb. pkgs., same basis.	lb.	.40	—
special, bbls., same basis, lb.	lb.	.27	—
super light, bbls., same basis.	lb.	.30	—
calcined, USP, import., heavy, pharm., bbls.	lb.	.50	—
light, extra, bbls.	lb.	.35	.40
standard, bbls.	lb.	.30	—
Carbonate, tech., bgs., c.l., works.	lb.	.06	.06¼
USP, bbls., c.l.	lb.	.06¼	.09
Chloride, flake, dom., bbls., works.	ton.	39.00	42.00
Hypophosphite, cns.	lb.	1.45	1.50
Oxide (see Calcined)			
Palmitate, bbls.	lb.	.32	Nom.
Peroxide, 15%, dms., works.	lb.	1.00	1.95
Silicate (see Talc)			
Silicofluoride, bbls.	lb.	.09½	.10½
Stearate, bbls., ctns., c.l.	lb.	.21	—
1 ton	lb.	.22	—
1,000-2,000 lbs.	lb.	.23	—
smaller lots.	lb.	.24	—
Sulphate (see Epsom salt)			
Magnesite, cal., import., bbls.	ton.	60.00	65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash.	ton.	24.00	—
Malva flowers, black, bls.	lb.	.40	.42
Blue, bls.	lb.	.45	.50
Leaves, bls.	lb.	.11	.12
Manaca root, bls.	lb.	.20	.21
Mandrake root, bls.	lb.	.13	.14
Manganese acetate, dms.	lb.	.26½	—
Arsenate, bgs.	lb.	.12	.12¾
Borate, tech., bbls.	lb.	.15	.16
Carbonate, bbls.	lb.	.21	.23
Chloride, bbls.	lb.	.09	—
Dioxide, Caucasian, 85-90%, cnks., c.l., works.	ton.	51.50	—
l.c.l., 5 tons, works.	ton.	54.50	—
smaller lots, works.	ton.	59.50	—
burlap bgs., c.l., works.	ton.	49.50	—
l.c.l., 5 tons, works.	ton.	52.50	—
smaller lots, works.	ton.	57.50	—
paper bgs., c.l., works.	ton.	47.50	—
l.c.l., 5 tons, works.	ton.	50.50	—
smaller lots, works.	ton.	55.50	—
Glycerophosphate, bbls., cans., 100 lbs.	lb.	2.60	2.65
Hydrate, bbls., dlvd.	lb.	.32	—
Iodide, bots., jars.	lb.	5.10	5.15
Linoleate, liquid, 4%, dms.	lb.	.18	.19½
solid, precip., 8.2%, bbls.	lb.	.19	—
Ore, 52% basis, bbls., c.i.f. Atl. pts., unit-ton.		.26	.27
Resinate, fused, 3½%, bbls.	lb.	.06¼	.06¾
precip., dms.	lb.	.12	—
Sulphate, anhyd., bbls., works.	lb.	.07	.07¼
cryst., 85% $MnSO_4$, bgs., c.l., dlvd. South.	ton.	48.75	—
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton.		.75	—
l.c.l., 5 tons, works.	lb.	.03½	—
smaller lots, works.	lb.	.04	—
Mangrove bark, bgs., shipt.,	ton.	26.00	27.00
Manna, flake, large, cs.	lb.	.36	.37
small, cs.	lb.	.21	.22
Mannitol, pure, cryst., cs., works	lb.	1.48	—
Marble flour, bgs.	ton.	12.00	14.00
Marjoram, French, bbls.	lb.	.17	.17½
Tunisan, bbls.	lb.	.16	.16½
Matico leaves, bls.	lb.	.29	.30
Menthol, cs.	lb.	3.30	3.40
synthetic, cs.	lb.	2.25	2.50
Menthyl salicylate, tins, 100 lb. lots.	lb.	3.00	—
25 lb., lots.	lb.	3.10	—
Mercurial ointment, 30%, pails.	lb.	.87	.89
50%, pails.	lb.	1.26	1.28
Mercury (see Quicksilver)			
Bichloride (see Corrosive sublimate)			
Bisulphate, kgs.	lb.	1.33	—
Chloride (see Calomel)			
Iodide, red, kgs., jars.	lb.	3.55	3.60
Yellow, kgs., jars.	lb.	3.65	3.70
Nitrate ointment (see Citrine ointment)			
Oxide, black, dms., kgs.	lb.	3.85	—
Red, N.F. (see Red precipitate)			
tech. (see Red, mercury oxide)			
Yellow, dom., tech., bbl.	lb.	1.49	—
USP, dms., kgs.	lb.	1.91	—
Mercury and chalk, kgs.	lb.	.90	.91
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in.	pkg.	1.50	1.75
Composition, 5½x5½ in.	pkg.	1.65	1.90
Gold, XX deep, 3⅜x3⅜ in.	pkg.	14.50	15.00
3⅜x3⅜ in.	pkg.	16.00	16.50
4x4 in.	pkg.	18.50	19.00
3⅜x5½ in.	pkg.	21.50	22.00
3⅜x5½ in.	pkg.	23.50	24.00
Silver, 3⅜x3⅜ in.	pkg.	2.50	2.75
Metanitroanilin, kgs.	lb.	.67	.69
Metanitroparatoluidin, bbls.	lb.	1.45	—
Metaphenylenediamine, kgs.	lb.	.89	—
Metatoluylenediamine, kgs.	lb.	.65	—
Methanol, denat. grade, dms., c.l., frt. alld.	gal.	.53	—
contracts	gal.	.50	—
tanks, frt. alld.	gal.	.48	—
contracts, frt. alld.	gal.	.45	—
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld.	gal.	.38	—
2, frt. alld.	gal.	.41	—
3, frt. alld.	gal.	.42	—
4, frt. alld.	gal.	.44	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.40½	—
2, frt. alld. or dlvd.	gal.	.47	—
3, frt. alld. or dlvd.	gal.	.44½	—
4, frt. alld. or dlvd.	gal.	.60	—
tanks, Zone 1, frt. alld.	gal.	.33	—
2, frt. alld.	gal.	.35½	—
3, frt. alld.	gal.	.36½	—
4, frt. alld.	gal.	.37	—
95%, 2c. less than pure, all zones, frt. alld.			
97%, 1c. less than pure, all zones, frt. alld.			
Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J. N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.			
Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies.	lb.	.16	—
W. of Rockies.	lb.	.16½	—
l.c.l., frt. alld. E. of Rockies.	lb.	.17	—
W. of Rockies.	lb.	.17½	—
82%, dms., c.l., frt. alld. E. of Rockies.	lb.	.13	—
W. of Rockies.	lb.	.13½	—
l.c.l., frt. alld. E. of Rockies.	lb.	.14	—
W. of Rockies.	lb.	.14½	—
Acetoacetate, dms., c.l., works, frt. alld.	lb.	.29½	—

Methyl Acetone—Octyl

Methyl acetone, dms., c.l., contracts, Zone 1, frt. alld. lb. .45½- —
2, frt. alld. ..... gal. .47½- —
3, frt. alld. ..... gal. .48½- —
4, frt. alld. ..... gal. .51 - —
5, frt. alld. ..... gal. .50½- —
l.c.l., Zone 1, frt. alld. or divd. gal. .48 - —
2, frt. alld. or divd. ... gal. .52½- —
3, frt. alld. or divd. ... gal. .51 - —
4, frt. alld. or divd. ... gal. .66½- —
5, frt. alld. or divd. ... gal. .53½- —
tanks, contracts, Zone 1, frt. alld. gal. .41 - —
2, frt. alld. ..... gal. .42½- —
3, frt. alld. ..... gal. .44½- —
4, frt. alld. ..... gal. .44½- —
5, frt. alld. ..... gal. .44½- —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 4, N. Mex., Tex., Wyo.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies, gal. .54½- —
3, Pacific coast..... gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
Methylacetone, synthetic, l.c.l., Zone 2, frt. alld. E. of Rockies..gal. .59½ —
tanks, Zone 1, frt. alld. E of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies, gal. .49½- —
3, Pacific coast..... gal. .51 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific coast.

Alcohol (see Methanol).
Anthranilate, bots..... lb. 1.95 - 2.05
Benzoate, cns., 25 lbs..... lb. .70 - 1.00
Chloride, cylrs..... lb. .37 - .43
Cinnamate, bots..... lb. 3.30 - 3.75
Formate, dms..... lb. .85 - .86
Iodide, bots., jars..... lb. 5.80 - 5.85
Salicylate, dms..... lb. .40 - .42
tins ..... lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots..... lb. .42 - —
permanent, bbls..... lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms..... gal. .12 - —
tanks, same terms..... gal. .10½- —
Methylene, blue, medicl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs..... lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .12 - —
Methylheptenone, bots..... lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks..... gal. .90 - —
tanks, wks..... gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis..... ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same oasis..... ton.12.00 - —
250 mesh, containers, extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis..... ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis..... ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 46 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works..... ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works..... ton.41.25 - —
250, 160 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works..... ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works..... ton.29.90 -47.50
200, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works..... ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works..... ton.30.00 -37.50
wet-grd., 160 mesh., pure white, bgs., c.l., dlvd., E. of Miss R..100 lbs. 4.50 - —
W. of Miss. R...100 lbs. 5.00 - —
l.c.l., works..... 100 lbs. 4.50 - —
Mica, wet-grd., 160 mesh, standard, bgs., c.l., works, frt. alld. E. of Miss. R..... 100 lbs. 3.50 - —
W. of Miss. R.100 lbs. 4.00 - —
l.c.l., works..... 100 lbs. 3.50 - —
Michler's ketone, kgs..... lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..lb. .10¾- —
l.c.l. ..... lb. .11¾- —
spray, bbls., c.l..... lb. .11 - —
l.c.l. ..... lb. .12 - —
unskimmed, roller, bbls., c.l..lb. .21½- .22
l.c.l. ..... lb. .22 - .23½
spray, bbls., c.l..... lb. .21½- .22
l.c.l. ..... lb. .22 - .23½
Millet seed, bgs..... lb. .03½- .04
hulled, bgs..... lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans..... gal. .07 - —
Molybdenum metal, 99% powd., kgs..lb. 2.50 - 2.75
Monoamylamine, dms., l.c.l., works. lb. 1.00 - —
Monochlorobenzene, dms..... lb. .06 - .08½
l.c.l., same basis..... lb. .30 - —
Monoethanplamine, dms., c.l., works..lb. .31 - —
l.c.l., dms ..... lb. .32 - —
tanks ..... lb. .30 - —
Monoethylaniiin, dms..... lb. .77 - .79
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, cns..... oz.10.00 -10.95
Acetate, bots..... oz. 8.80 - 8.85
Ethylhydrochloride, vis..... oz.10.50 -10.55
Hydrobromide, cns..... oz. 8.70 - 8.75
Sulphate, cns..... oz. 8.75 - 8.80
Mullein flowers, cns..... lb. .90 - .95
Leaves, bls..... lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots..... oz. No stocks
Tonquin, grained, bots..... oz.21.00 -22.00
pods, bots..... oz.14.50 - —
synth., ambrette, cns..... lb. 4.20 - —
Ketone, cns..... lb. 4.35 - —
Xylol, 100%, cns..... lb. 1.25 - —
Musk root, bls..... lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .05¾Nom.
California, brown, bgs..... lb. .06¼- .07
yellow, bgs..... lb. No stocks
Chinese, yellow, bgs..... lb. .06 - .06½
Danish, yellow, bgs..... lb. .07¼- .08¼
Dutch, yellow, bgs..... lb. .07¼- .08
English, yellow, bgs..... lb. .09 - .09½
Hungarian, yellow, bgs..... lb. .07¼- .07½
Montana, brown, bgs..... lb. .07¾ Nom.
yellow, bgs..... lb. .07 - .07½
Roumanian, yellow, bgs.... lb. .06¼- .07
Myrobalans, J1, bgs., shipt..ton.27.00 - —
J, bgs, shipt..... ton.20.75 - —
R2, bgs., shipt..... ton.20.25 - —
Extract, liquid, 25%, bbls.... lb. .04¼- .05¼

N

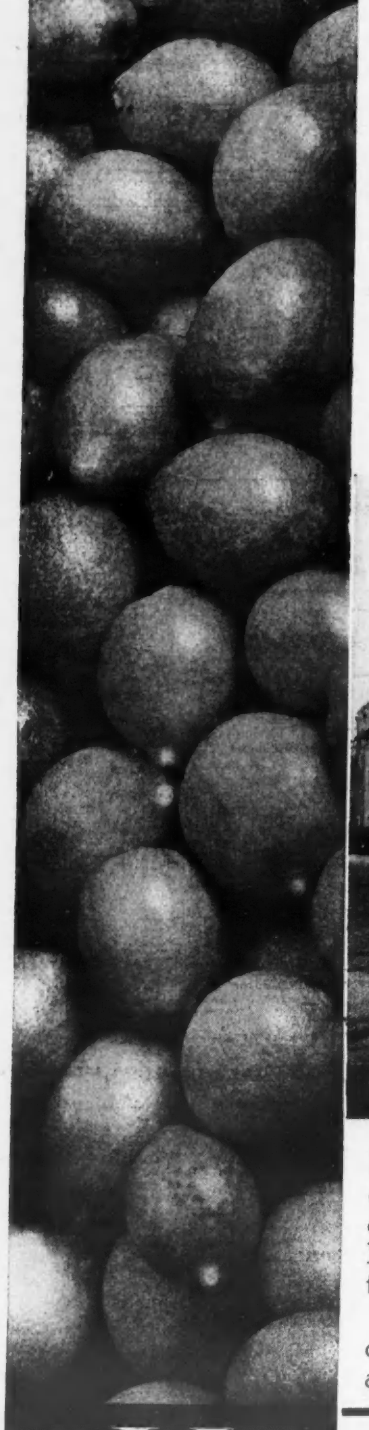
Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 2.80 - 3.00
import., 74-78% bgs., Atlantic ports..100 lbs. 2.80 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
cs., same basis..... lb. .07¾- —
pkgs, (16 oz.), same basis, lb. .08 - —
(12 oz.), same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns..... lb. 1.25 - 1.35
Nickel carbonate, bbls..... lb. .36 - .37½
Chloride, bbls..... lb. .18 - .19¼
kgs. ..... lb. .21 - .22
Oxide, black, bbls..... lb. .35 - .38
Salt, double, bbls..... lb. .13 - .13¼
single, bbls..... lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins..... lb. .86½- —
Nitercake, bulk, works..... ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. ..... lb. .09 - —
tanks ..... lb. .07½- —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works..lb. .22 - —
10,000 lbs..... lb. .23 - —
spot, bbls., works..... lb. .26 - —
Nitrocellulose, lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .20 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Mar.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Mar.-Apr. shipt...unit-ton. 3.40 - —
Chemical, Ill.,.unit-ton. 3.60 Nom.
East Coast producing points..unit-ton. 3.90 Nom.
import., bgs., c.i.f. Atlantic ports, shipt..unit-ton. No Prices
Nitronaphthalene, bbls..... lb. .24 - .26
Nitrotoluene, mixed, dms..... lb. .10½- .11
Nutgalls, Aleppo, bgs., cs..... lb. .20 - .22
Chinese, shipmmt., cs..... lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs..... lb. .19¼- .19¾
110s, 80s, bgs., cs..... lb. .17 - .17½
West Indian, bgs..... lb. .15½- .16
Nux vomica, bls..... lb. .06 - .07
powd., bbls., bxs..... lb. .06½- .07

O

Oakbark extract, 25% tan., bbls. lb. .03¼- —
tanks ..... lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3..... gal. .15 - —
tanks, G.3 ..... gal. .08½- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works..... lb. .17 - —
small lots, works..... lb. .20 - —
tanks, works ..... lb. .15 - —



By more than 2 to 1

AMERICA'S FAVORITE OIL OF LEMON

67% of all Lemon Oil sold in the United States in 1936 was Exchange Brand

The World's Largest Plant Devoted Exclusively to Lemon Products

FROM rich California lemons, cold pressed and clarified, comes Exchange Brand Oil of Lemon, U.S.P.—with the flavor that pleases the American taste.

It is uniform always, in all characteristics. Nowhere in all the world is the production controlled so exactingly.

True flavor. Uniformity. Exceptional dependability. A fair price. There you have the reasons why Exchange Brand Oil of Lemon, U. S. P. is far and away America's favorite Lemon Oil.

Sold to the American market exclusively by

DODGE & OLCOTT COMPANY, 180 VARICK STREET, NEW YORK CITY
FRITZSCHE BROTHERS, INC., 76 NINTH AVENUE, NEW YORK CITY

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS CO., Corona, California

Exchange
OIL OF LEMON
U. S. P. CLARIFIED

Copr., 1936, Products Dept., California Fruit Growers Exchange

Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .80 - .85
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .57
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -70.00
Seed, bots.....lb.72.00 -80.00
Anilin (see A)
Anise, USP, cns., dms.....lb. .87 - .92
Apricot kernel, cns.....lb. .30 - .31
dms. .....lb. .28 - —
Babassu, tanks, futures.....lb. .31¼- —
Bay, W. I., cns.....lb. 1.30 - 1.50
Bergamot, artif., cns.....lb. 1.00 - 1.30
natural, coppers.....lb. 3.50 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .70 - .75
Bois de rose, Brazil, cns...lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns.....lb. .45 - .47
Calamus, cns.....lb. 3.50 - 3.75
Camphor, sassafrassy, cns...lb. .22 - .23
dms. .....lb. .19 - .20
white, cns. .....lb. .21 - .22
dms. .....lb. .18 - .19
Cananga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 3.00 - 3.85
Capsicum (oleoresin), USP VIII, cns...lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb.20.00 -32.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Castor, blown, one-way dms., c.l..lb. 12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls, c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. 14¼- —
dms. (returnable), c.l....lb. .10¾- —
l.c.l. .....lb. .12¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09¾- —
Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. 1.10 - 1.15
dms. .....lb. 1.05 - 1.10
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .23 - .26
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. tanks, futures.....lb. .15¼- .15½
.1440- .1450
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .46 - .48
dms. .....lb. .44 - .46
Java, dms.....lb. .45 - .47
Clove, makers, USP, cns.....lb. 1.22 - —
dms. .....lb. 1.20 - —
Coconut, Manila, crude, tanks. lb. .09¼- —
futures .....lb. .09¼- —
Pac. Cst.....lb. .08⅞ Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .14½- —
l.c.l. .....lb. .15½- —
tanks .....lb. .14½- —
Cod, Newfoundland, tanked, bbls..gal. .51 Nom.
Norwegian, bbls.....gal. .42 - .46
Codliver, med., Norwegian, bbls..bbl.27.00 -28.00
poultry, USP, bbls.....gal. .82 - .85
Coriander, bots.....lb. No stocks
Corn, crude, tanks, works...lb. .10 Nom.
refd. bbls.....lb. .12¾ Nom.
Cottonseed, dom., cooking, bbls. 100 lbs.12.37½- —
salad, bbls.....100 lbs.12.50 - —
import., Brazilian semi-refd., dms.lb. .07¼ Nom.
British, semi-refd., dms...lb. .07¼ Nom.
Cresote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 3.00 - 3.10
Crude (see Petroleum, crude).
Cumin, bots. .....lb. 8.50 -10.00
Cypress, cns. .....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.85 - —
California, 27 plus, bulk..bbl. 1.00 - 1.35
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots. .....lb. 5.00 - 5.50
Dip (See D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .48 - .49
dms. .....lb. .46 - .47
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana-Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.20 - —
Tuesday .....bbl. 1.20 - —
Wednesday .....bbl. 1.20 - —
Thursday .....bbl. 1.20 - —
Friday .....bbl. 1.20 - —
Saturday .....bbl. 1.20 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test..bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test..bbl. 1.10 - 1.15
24-28, 15 and above...bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04⅝- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04⅜- .05
2, bulk, same basis.....gal. .04½- —
3, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04¼- —
Louisiana - Arkansas, 32-36, light straw.....gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03⅜- .03½
32-36 .....gal. .03½- .03¾
36-38 .....gal. .03⅝- .03⅞
38-40, straw.....gal. .03⅞- .04
38-40, zero, 60 e.p.....gal. .03⅞- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04⅜- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02⅞- .03½
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.75 - 5.50
Bourbon, cns.....lb. 4.50 - 5.15
Turkish (see Palmarosa).
Grapefruit, cns.....llb. 2.25 - 2.50

Oil, ginger, dist., bots.....lb. 6.50 - 7.25
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haariem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .35 - .50
cns. .....lb. .38 - .53
Lard, common, 1, bbls..100 lbs.13.00 - —
2, bbls.....100 lbs.12.75 - —
extra, bbls.....100 lbs.13.50 - —
1, bbls.....100 lbs.13.25 - —
headlight, burning, bbls.100 lbs.14.75 - —
prime, ed., bbls.....100 lbs.16.25 - —
ined, bbls.....100 lbs.14.75 - —
winter, strained, extra bbls., 100 lbs.13.75 - —
prime, bbls.....100 lbs.14.00 - —
Lavandin, cns., 25 lbs.....lb. 2.65 - —
Lavender flowers, French, cns..lb. 2.25 - 6.00
Garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 3.50 - —
Messina, coppers, cns.....lb. 4.00 - 4.50
Lemongrass, native, cns., dms. lb. .57 - .62
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns.....lb. 9.35 -10.25
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1030- .1050
l.c.l., 5 or more.....lb. .1070- .1090
less than 5.....lb. .1110- .1130
tanks .....lb. .0970- .0990
double boiled, bbls., less than 5..lb. .1130- .1150
raw, bbls., c.l.....lb. .0990- .1010
l.c.l., 5 or more.....lb. .1030- .1050
less than 5.....lb. .1070- .1090
tanks .....lb. .0930- .0950
Lovage, bots.....lb.46.00 -55.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks..gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21¼- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21¼- —
pale, 75, 175 vis..tanks.gal. .21¼- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20½- —
150-160 D, 0-10 pour tanks..gal. .23 - —
15-25 pour, tanks..gal. .22½- —
150-160 E, 15-25, pour, tanks..gal. .22 - —
190-200 D, 15-25 pour, tanks..gal. .26 - —
200-210 E, 15-25 pour, tanks..gal. .25 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .13 - —
180 vis., 3 colors, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½, color tanks..gal. .17 - —
350 vis., same basis, gal. .17½- —
400 vis., same basis, gal. .18 - —
500 vis., same basis, gal. .18½- —
600 vis., same basis, gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penna., bright, 600 cold test, **10-40 pour, tanks., gal. .27½- —**
10-15 pour, tanks...gal. .28½- —
cylinder, 600 fire, tanks, gal. .20 - —
600 flash, tanks.....gal. .22 - —
630 flash, tanks.....gal. .24 - —
635 fire, tanks.....gal. .20½- —
650 fire, tanks.....gal. .21½- —
Warren, E, amber, tanks. gal. .22½- —
neutral, 150 vis....3 color, tanks..gal. .23½- —
180 vis., 3 color, tanks.gal. .26 - —
200 vis., 2 color, tanks.gal. .27 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .33½- —
unfiltered, 600 s.r., bbls., f.a.s..gal. .25 - —
600 flash, s.r., bbl., c.l., gal. .27 - —
650 s.r., bbls., c.l., f.a.s. gal. .26½- —
Warren, E. bbls., c.l., f.a.s. gal. .27½- —
smaller lots, f.o.b..gal. .30½- —
Mace, dist., cns.....lb. 1.20 - 1.25
Menhaden, crude, tanks, f.o.b. Balto..gal. .40 - .43
refd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
blown, dms.....lb. .0920- —
kettle-bodied, dms.....lb. .1040- —
light pressed, dms., c.l.....lb. .0880- —
l.c.l. .....lb. .0880- —
tanks .....lb. .0820- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .85 - .90
Neatsfoot, cold test, bbls, 100 lbs.17.75 - —
extra, bbls.....100 lbs.13.50 - —
1, bbls.....100 lbs.13.25 - —
pure, bbls.....100 lbs.14.25 - —
Special, bbls.....100 lbs.13.75 - —
sulphonated, common, 25% moisture, drs...lb. .10¼- —
Neroli, bots.....lb.50.00 -130.00
Nutmeg, USP, cns.....lb. 1.20 - 1.25
Oiticica, dms.....lb. .11¾- .12
Oleo, 1, bbls.....100 lbs.13.62½- —
2, bbls.....100 lbs.13.12½- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.65 Nom.
edible, bbls.....gal. 2.50 Nom.
foots, bbls.....lb. .12½ Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16¼- —
l.c.l. .....lb. .17 - —

Oil, orange, sweet, dist., cases..lb. .90 - —
expressed, African, cns., dms..lb. 1.20 - 1.25
Calif., cns., makers.....lb. 3.25 - —
resale .....lb. 3.40 - —
Florida, cns.....No prices
Messina, USP, coppers.lb. 4.00 - 4.50
Spanish, cns.....lb. 2.50 - 2.75
West India, cns.....lb. 2.10 - 2.20
Origanum, Spanish, cns.....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .06¾ Nom.
shipment .....lb. .0585- —
softs, 12½%, bulk, shipt....lb. .0585- —
20%, bulk, shipt.....lb. .0575- —
Sumatra, shipment, bulk...lb. .05¾ Nom.
Palmarosa, cns.....lb. 3.00 - 3.25
Palmkernel, bulk, shipt.....lb. .0730 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. S..gal. .06¼- —
330° flash, 70-80 vis., tanks, G. S..gal. .06½- —
80-85 vis., bbls. extra, Ind. refy..gal. .13 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .06¾- —
Patchouli, bots.....lb. 5.00 - 6.00
Peanut, crude, dom., tanks, works..lb. .10¼ Nom.
refd., edible, bbls.....lb. .13½ Nom.
Oriental, crude, bulk shipt..lb. .0700 Nom.
Pennyroyal, dom., cns.....lb. 1.75 - 1.85
import, cans.....lb. 1.60 - 1.65
Peppermint, natural, cans, dms. lb. 2.25 - 2.50
redist., USP, cns, dms.....lb. 2.50 - 2.75
Perilla, dms.....lb. .11½- .11⅝
tanks .....lb. .11 - .11¼
Petitgrain, Paraguay, cns...lb. 1.05 - 1.10
Pimento berry, cns.....lb. 3.50 - 3.75
Leaf, cns.....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., divd., E. ports..gal. .49 - .50
steam-dist., straw-color, bbls. gal. .50 - —
tanks .....gal. .54 - —
water-white, bbls.....gal. .64 - —
tanks .....gal. .59 - —
Pinesneedle, Siberian, cns....lb. .85 - .90
Putty, bbls, El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .16 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .13¼- .13¾
denat., bbls.....gal. .55 - .56
Red, dist. or saponif., bbls., divd..lb. .11⅝- .12⅜
dms, divd.....lb. .11½- .12⅛
tanks, divd.....lb. .10⅝- —
white, dms.....lb. .13¼- .14⅛
Rose, artif., bots.....oz. 2.00 - 2.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .60 - .65
dms .....lb. .55 - .60
Rosin, 1st rectfd., dms.....gal. .71 - .73
2d rectfd., dms.....gal. .73 - .75
3d rectfd., dms.....gal. .77 - .79
Rue, bots.. .....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns...lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.80 - 5.50
Sardine, crude, tanks, Pac. Cst. gal. .52 - .55
rfd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
kettle-boiled, dms.....lb. .1040- —
light, pressed, dms., c.l.lb. .0880- —
l.c.l. .....lb. .0880- —
tanks .....lb. .0820- —
poultry feed, dms., Pac. Cst., gal. .50 Nom.
Sassafras, artif., cns.....lb. .41 - .42
dms.....lb. .39 - .40
natural, cns., dms.....lb. .75 - 1.25
Savin, cns.....lb. 1.70 - 1.75
Savory, cns.....lb. 3.50 - 3.75
Sesame, dom., refd., white, dms. lb. .13¼- Nom.
yellow, dms.....lb. .13¼- Nom.
Single stain, bbls., c.l., works gal. .17½- —
l.c.l., works .....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns....lb.11.00 -12.00
Soybean, dom., crude, dms...lb. .1150- —
tanks .....lb. .1050- Nom.
refd., dms. .....lb. .12 - .12½
tanks .....lb. .11½- Nom.
Spearmint, USP, cns.....lb. 1.75 - 2.00
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sunflower seed, refd., dms...lb. .12¼ Nom.
Sweet birch, North, cns.....lb. 3.60 - 3.75
South., cns.....lb. 1.90 - 2.10
Tallow, acidless, bbls....100 lbs.13.50 - —
tanks .....100 lbs.13.00 - —
Tansy, cns.....lb. 3.25 - 3.50
Tar, comml., dms., c.l., divd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, divd. E. cities....gal. .20 - —
rectfd., USP, bbls., divd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, dms.....lb. .14½ Nom.
Thyme, NF, red, dms.....lb. .65 - 1.25
white, dms.....lb. .80 - 1.35
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.00 - 5.00
Valerian, bots.....lb.13.50 -14.00
Vetiver, Bourb., bots.....lb. 8.00 -18.00
Walnut, crude, dms.....lb. .14 - .14¼
refd., dms.....lb. .15 - .15¼
Whale, refd., natural, dms..lb. .1010- .1030
winter, bleach, dms.....lb. .1050- .1070
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms.gal. .54 - .56
95-105 vis., dms.....gal. .62 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80¼
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87¼
335-345 vis., dms.....gal. .87 - .89
Russian, 75-85 vis., dms..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).

Oil, Almond—Pentane

Oil, wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.65 - 2.75
Wormwood, cns.....lb. 3.00 - 3.25
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 4.00
Manila, bots.....lb.28.00 -30.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .12¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .13¼- —
Colo., Mont., N.M., Wyo. lb. .13 - —
Other points.....lb. .12½- —
smaller lots, divd. Ala., etc..lb. .13¼- —
Ariz., etc.....lb. .13⅝- —
Colo., Mont., N. M., Wyo..lb. .13½- —
Other points.....lb. .13 - —
French, Tours, csks., ex dock..lb. .17 - —
kgs., ex dock.....lb. .18½- —
Peel, bitter, bls.....lb. .08 - .09
Sweet, bls.....lb. .13 - .14
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .40 - .45
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .95 - 1.00
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs, cs.....lb. .11 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .85 - .75
Orthocresol, dms., c.l., works..lb. .12½- —
l.c.l., same basis.....lb. .14½- —
Orthodichlorobenzene, dms, c.l., works, frt equal...lb. .05 - —
l.c.l., dms, same basis...lb. .06 - —
100 lb. tins, same basis..lb. .07 - —
50 lb. tins, same basis..lb. .08 - —
tanks, same basis.....lb. .04½- —
Othonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .26 - .29
Orthonitroparachlorophenol, cns.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .85 - .90
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, crystal., bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.00 - 1.05
Paprika, Hungarian, bgs.....lb. .21½- .23
Spanish, extra fancy, cs.....lb. .27 - .28
fair, bgs.....lb. .21½- .23
fancy, bgs.....lb. .26 - .28½
medium, bgs.....lb. .22 - .22½
Para-aminoacetanilide, kgs...lb. .85 Nom.
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls.....lb. 1.25 - —
Para-amylphenol, tertiary, dms., c.l., works..lb. .26 - —
Parachlorophenol, dms.....lb. .26 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kegs .....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¾- .02½
bbls., c.l., N. Y.....lb. .0265- —
134-136 A.m.p. bgs., c.l., bbls., c.l., N. Y.....lb. .0270- —
bbls., c.l., N. Y.....lb. .02¾- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¾- Nom.
fully refd., slabs, 120-122 **A.m.p., bgs., c.l..lb. No prices**
123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .0445- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s., N. Y..lb. .0485- —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s., N. Y..lb. .0545- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .0574- —
138-140 A.m.p., bgs., c.l..lb. .0625- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
Match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. 02¾- Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.....lb. .34 - — 100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., kgs., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .16 - .17
Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
1,000 lbs. and up, same basis, lb. .23 - .25
less than 1,000 lbs., same basis..lb. .24 - .26
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .13 - .14
Pentane, nom., 28-38°, dms., c.l., G.S—gal. .12½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.S.....gal. .09½- —
laboratory grade, dms., c.l., G.S..gal. .16 - —
l.c.l., G.S.....gal. .25 - —

Pepper—Pet. Solvent

Pepper, black, Alleppy, bgs.	lb.	.10¼ - .10½
Lampong, bgs.	lb.	.06½ - .06¾
Tellicherry, bgs.	lb.	.11¼ - .11¾
Red, birdseye, bgs.	lb.	.15 - .15½
new crop	lb.	No stocks.
Japanese 1, bgs.	lb.	.13 - .13½
Mombassa, bgs.	lb.	.18 - .18½
White, Java, Muntok, bgs.	lb.	.11 - .11¼
Singapore, Muntok, bgs.	lb.	.11¼ - .11¾
Peppermint leaves, dom., bls.	lb.	.25 - .26
import, bls.	lb.	.35 - .40
Peru balsam, dms.	lb.	1.15 - 1.20
Petrolatum, amber, bbls., c.l.,	lb.	.02⅝ - .03
l.c.l.	lb.	.04 - .04¼
extra, bbls.	lb.	.03½ - .03¾
l.c.l.	lb.	.04¼ - .04½
cream (see white, cream)		
red, veterinary, bbls., c.l.	lb.	.02⅝ - .02⅞
l.c.l.	lb.	.03¾ - —
white, cream, bbls., c.l.	lb.	.05 - .05¼
l.c.l.	lb.	.06⅝ - —
lily, bbls., c.l.	lb.	.06 - .06¼
l.c.l.	lb.	.07⅝ - —
snow, bbls., c.l.	lb.	.07 - .07¼
l.c.l.	lb.	.08⅝ - —
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .83
Athens	bbl.	.84 - 1.66
Belridge	bbl.	.70 - 1.32
Buena Vista Hills	bbl.	.70 - 1.38
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.78 - 1.32
Dominguez	bbl.	.79 - 1.00
East Coyote	bbl.	.76 - .96
Elk Hills	bbl.	.70 - 1.38
Elwood Terrace, f.o.b. ship.	bbl.	1.28 - 1.43
Huntington Beach	bbl.	.78 - 1.22

Petroleum, crude, bulk, at wells:—
California (Continued):—

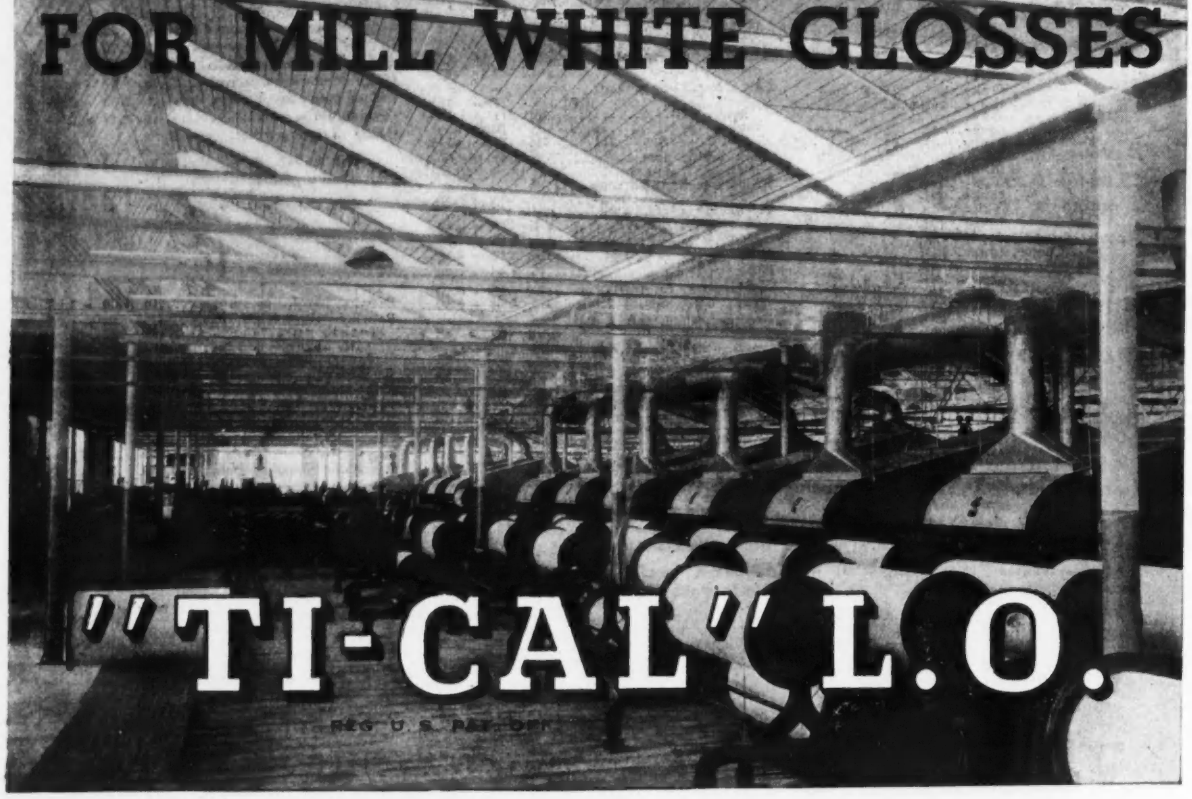
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbls.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.76 - .96
Lakeview	bbl.	.70 - 1.38
Lost Hills	bbl.	.70 - 1.32
McKittrick	bbl.	.70 - —
Midway - Sunset (except Lakeview)	bbl	.70 - 1.38
Montebello	bbl.	.77 - 1.43
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.20
Newhall	bbl.	.70 - —
Olinda Brea	bbl.	.76 - 1.27
Orcutt	bbl.	.70 - .86
Playa del Rey, f.o.b. pipeline	bbl.	.80 - 1.16
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.66
Round Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.42
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.05
Wheeler Ridge	bbl.	.70 - .83
Whittier	bbl.	.76 - .96
Canada:—		
Oil Springs	bbl.	2.17 - —
Petrolia	bbl.	2.10 - —
Central West:—		
Illinois	bbl.	1.35 - —
Lima	bbl.	1.25 - —
Midland (Mich.)	bbl.	1.42 - —
Princeton	bbl.	1.35 - —
East Texas	bbl.	1.27 - —
Gulf Coast:—		
Barber's Hill	bbl.	.95 - 1.41
Batson	bbl.	.95 - 1.41
Dayton	bbl.	.95 - 1.41
Esperson	bbl.	.95 - 1.41
Goose Creek	bbl.	.95 - 1.41

Petroleum, crude, bulk, at wells:—
Gulf Coast:—

Hull	bbl.	.95 - 1.41
Humble	bbl.	.90 - 1.41
Liberty	bbl.	.90 - 1.41
Markham	bbl.	.90 - 1.29
Orange	bbl.	.95 - 1.41
Pettus	bbl.	1.37 - —
Pierce Junction	bbl.	.95 - 1.41
Refugio	bbl.	.95 - 1.41
Saratoga	bbl.	.95 - 1.41
Saxet	bbl.	.90 - 1.41
Sour Lake	bbl.	.90 - 1.41
Spindle Top	bbl.	.95 - 1.41
Sugarland	bbl.	.95 - 1.41
West Columbia	bbl.	.95 - 1.41
Kentucky, Tennessee:—		
Big Sandy river	bbl.	1.42 - —
Kentucky river	bbl.	1.50 - —
Western Kentucky (Owensboro)	bbl.	1.40 - —
Louisiana, Arkansas:—		
Bull Bayou	bbl.	.90 - 1.22
Caddo	bbl.	.90 - 1.22
Cameron Meadows	bbl.	.90 - 1.30
Choctaw	bbl.	.90 - 1.30
Cotton Valley	bbl.	.90 - 1.22
Darrow	bbl.	.90 - 1.30
De Soto	bbl.	.90 - 1.22
El Dorado	bbl.	.90 - 1.22
Haynesville	bbl.	.90 - 1.22
Homer	bbl.	.90 - 1.22
Iowa	bbl.	.90 - 1.30
Lockport	bbl.	.90 - 1.30
Miller County	bbl.	.90 - 1.22
Pine Island	bbl.	.90 - 1.22
Rainbow	bbl.	.90 - 1.22
Rodessa	bbl.	.90 - 1.22
Smackover	bbl.	.90 - —
Tepetate	bbl.	1.24 - —
Urania	bbl.	1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—		
Panuco	bbl.	1.05 - —
Tax, 13.56c. per bbl.		

Petroleum, crude, bulk, at wells:—
Mexico:—

Tuxpan	bbl.	No prices.
Tax, 21.816c. per bbl.		
Midcontinent:—		
North Texas	bbl.	.96 - 1.20
Oklahoma-Kansas	bbl.	.98 - 1.50
Altus, Tipton (Okla.),	bbl.	.96 - 1.20
Pennsylvania, Ohio, West Virginia:—		
Bradford-Allegany	bbl.	2.67 - —
Corning	bbl.	1.42 - —
Pennsylvania grade, in Buckeye lines	bbl.	2.22 - —
Eureka lines	bbl.	2.37 - —
S.W. Penn lines	bbl.	2.42 - —
lower district in National Transit lines	bbl.	2.62 - 2.67
Rocky Mountain:—		
Big Muddy	bbl.	1.18 - 1.23
Cannon City-Florence	bbl.	1.10 - —
Cat Creek	bbl.	1.40 - —
Dutton Creek	bbl.	1.06 - 1.30
Elk Basin	bbl.	1.30 - —
Fort Collins-Wellington	bbl.	1.01 - 1.25
Frannie, light	bbl.	.82 - —
Grass Creek	bbl.	1.30 - —
Greybull	bbl.	1.30 - —
Iles	bbl.	1.12 - 1.18
Lance Creek	bbl.	.97 - —
Midway	bbl.	1.06 - 1.30
Rock Creek	bbl.	1.20½ - —
Salt Creek	bbl.	1.06 - 1.30
Sunburst	bbl.	1.20 - —
Torchlight	bbl.	1.30 - —
South, Central and Southwestern Texas:—		
Cass County	bbl.	.98 - 1.25
Cleveland-Liberty	bbl.	1.27 - —
Conroe	bbl.	1.20 - 1.44
Darst Creek	bbl.	1.00 - —
Duval	bbl.	1.00 - —
Hardin-Liberty	bbl.	1.15 - —
Luling	bbl.	1.60 - —
Lytton Springs	bbl.	1.12 - —
Mirando	bbl.	.90 - 1.36
Panola County	bbl.	.93 - 1.25
Salt Flat	bbl.	1.09 - —
Tomball	bbl.	1.20 - 1.44
Van	bbl.	1.10 - —
Texas Panhandle:—		
Carson-Hutchinson counties,	bbl.	.91 - 1.03
Gray County	bbl.	.96 - 1.08
West Texas:—		
Artesia, N. M.	bbl.	.90 - —
Crane	bbl.	.78 - 1.08
Crockett	bbl.	.78 - 1.08
Ector	bbl.	.78 - 1.08
Glasscock	bbl.	.78 - 1.08
Hogback	bbl.	1.33 - —
Howard	bbl.	.78 - 1.08
Jackson, N. M.	bbl.	.90 - —
Lea, N. M.	bbl.	.78 - 1.08
Maljamar, N. M.	bbl.	.90 - —
Mitchell	bbl.	.78 - 1.08
Pecos	bbl.	.91 - —
Upton	bbl.	.78 - 1.08
Winkler	bbl.	.78 - 1.08
ether, 30-60°, dms, c.l., G.3.	gal.	.15 - —
l.c.l., G.3.	gal.	.17 - —
tanks, G.3.	gal.	.13 - —
55-60, dms., l.c.l., G. 3.	gal.	.35 - —
40-75°, dms., c.l., G.3.	gal.	.15 - —
l.c.l., G.3.	gal.	.16 - —
tanks, G.3.	gal.	.13 - —
laboratory grade, dms., c.l., G.3.	gal.	.16 - —
l.c.l., G.3.	gal.	.25 - —
10-gal. lots, G.3.	gal.	.50 - —
Lacquer, diluent, at refinery:—		
California 60,169 l.b.p., 263 e.p., tanks, delvd. Los Angeles	gal.	.11 - —
San Francisco	gal.	.11¼ - —
f.o.b. Richmond	gal.	.11½ - —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12 - —
East Coast, tanks	gal.	.12 - .12¼
Group 3, tanks	gal.	.08⅜ - .08⅞
Naphtha, cleaners, at refinery:—		
East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.07⅜ - .07⅞
tankwagon, Boston, ex-tax.	gal.	.13 - —
Chicago, inc. 3c. tax.	gal.	.158 - —
Decatur, inc. 3c. tax.	gal.	.182 - —
Des Moines, inc. 3c. tax.	gal.	.18 - —
Evansville, ind., ex tax.	gal.	.146 - .159
Milwaukee, inc. 4c. tax.	gal.	.19½ - —
Minneapolis-St. Paul, inc. 3c. tax.	gal.	.186 - —
Newark, ex tax.	gal.	.12 - —
New York, ex tax.	gal.	.12 - —
Omaha, ex tax.	gal.	.149 - .159
Oklahoma City, ex tax.	gal.	.15 - .16
Philadelphia, ex tax.	gal.	.11¼ - —
St. Louis, ex tax.	gal.	.149 - .159
Syracuse, 150 gals.	gal.	.14 - —
smaller lots, galv. drums,	gal.	.16 - —
milk cans	gal.	.21 - —
Tulsa, ex tax.	gal.	.15 - .16
High solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16¼ - —
30, same basis	gal.	.18¾ - .19
40, same basis	gal.	.14½ - .15¼
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equaled. nearest comp. pt.	gal.	.16 - —
2, same basis	gal.	.18 - —
3, same basis	gal.	.16 - —
4, same basis	gal.	.18 - —
V.m. & p., at refinery:—		
California, 46.6, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11 - —
Richmond	gal.	.11¼ - —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
54-57, 190 i.b.p., 310 e.p. tanks, delvd. Los Angeles	gal.	.10 - —
San Francisco	gal.	.10¼ - —
Portland, Seattle	gal.	.11 - —
East Coast, tanks	gal.	.10¼ - —
Group 3, tanks	gal.	.07⅜ - .07⅞
tankwagon, Boston, ex tax.	gal.	.13 - .14
Chicago, inc. 3c. tax.	gal.	.171 - —
Decatur, inc. 3c. tax.	gal.	.182 - —
Des Moines, inc. 3c. tax.	gal.	.18 - —
Evansville, Ind., ex tax.	gal.	.146 - .161
Milwaukee, inc. 4c. tax.	gal.	.19½ - —
Minneapolis-St. Paul, inc. 3c. tax.	gal.	.193 - —
Newark, ex tax.	gal.	.13 - —
New York, ex tax.	gal.	.12 - —
Omaha, ex tax.	gal.	.149 - .159
Philadelphia, ex tax.	gal.	.13 - —
St. Louis, ex tax.	gal.	.149 - —
Solvent, rubber, at refinery, East Coast, tanks	gal.	.10 - —
Group 3, light, 120 i.b.p., 250 e.p., tanks	gal.	.07⅜ - .07⅞
standard, 180 i.b.p., 288 e.p., tanks	gal.	.07⅜ - .07⅞
Stoddard (CS 3-28), at refinery:—		
East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.06⅞ - .07⅛



FOR cleanness, brightness and high light-reflecting power in mill whites we suggest "TI-CAL" L. O., the low oil absorption grade of Krebs titanium-calcium base pigment. In such paints, this pigment provides exceptional hiding power with excellent flow and leveling.

Where additional consistency is desired, we suggest the high oil absorption type—"TI-CAL" H. O.

Like all Krebs products, the "TI-CAL" pigments are thoroughly tested before shipment to assure uniformity.

Krebs offers a complete range of high-grade white pigments and chemical dry colors. Ask our representative for further information about Krebs products and services.

"TI-CAL" L.O.
Reg. U. S. Pat. Off.
Low Oil Absorption—Exceptional flow and leveling—Excellent mill gloss and enamel pigment.

"TI-CAL" H.O.
Reg. U. S. Pat. Off.
High Oil Absorption—Excellent Hiding Power—Produces Superior Flat Paints.

KREBS
REG. U. S. PAT. OFF.
PIGMENTS

WHITE PIGMENTS AND CHEMICAL DRY COLORS

KREBS PIGMENT & COLOR CORP., ... 1007 Market Street, Wilmington, Del.

Petroleum solvent, Stoddard, tank-wagon, Boston, ex tax, gal. .12½- .13½
Chicago, inc. 3c, tax...gal. .156 - —
Decatur, inc. 3c, tax...gal. .172 - —
Des Moines, inc. 3c.tax.gal. .17 - —
Evansville, Ind.,ex tax.gal. .139 - —
Milwaukee, inc. 4c.tax.gal. .18½- —
Minneapolis-St. Paul, inc. 4c. tax..gal. .167 - —
Newark, ex tax.....gal. .11 - —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .11 - —
Oklahoma City, ex tax.gal. .12 - .18
Omaha .....gal. .139 - .149
Philadelphia, ex tax...gal. .11½- —
St. Louis, ex tax.....gal. .128 - —
Tulsa, ex tax.....gal. .10 - .11

Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash.....gal. .15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif...gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅝- .06⅞
Pennsylvania, tanks.....gal. .07¼- —
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bridgeport, Conn...gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .168 - —
Decatur, Ill.....gal. .172 - —
Des Moines.....gal. .17 - —
Evansville, Ind.....gal. .139 - .149
Milwaukee .....gal. .18½- —
Minneapolis-St. Paul...gal. .176 - —
Newark .....gal. .11 - .13
New York (200 gals.).gal. .11 - —
smaller lots.....gal. .11½- —
Omaha .....gal. .109 - .149
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. 12 - .16
St. Louis.....gal. .139 - —
Syracuse .....gal. .13 - .15
Trenton .....gal. .12 - .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.85 - —
bots. or cns., spot or contract, 100 lbs...lb. 4.50 - —
cns., 25 lbs.....lb. 4.75 - —
Phenol, USP, dms. c.l., works, frt. equald..lb. .13¼- .14¼
l.c.l., same basis.....lb. .14 - .15
tins, c.l., same basis.....lb. .14¼- .15¼
l.c.l., same basis.....lb. .15 - .16
tanks, works.....lb. .12¾- —
Phenolphthalein, USP, bbls.,dms. 2,000 lbs...lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 - —
yellow, bbls.....lb. .70 - .72
Phenyl chloride, dms.....lb. .16 - —
Phenylacetadehyde, bots.....lb. 3.50 - 6.75
Phenylhydrazin hydrochloride,CP, bots., works..lb. 3.30 - 5.10
commercial, kgs., works..lb. 3.30 - 6.50
pure, bots., works.....lb. 2.95 - 3.25
Phloroglucinol, CP, tins,works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines..... long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .28 - .37½
Oxychloride cyls.....lb. .16 - .20
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.50 - 2.75
Nitrate, bots., vls.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .15½- .15¾
Pinkroot, bls.....lb. .38 - .40
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton.20.00 -21.00
f.o.b. works.....ton.15.00 - —
Linseed, dms.....lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Stearin, dms.....lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .18
Podophyllin, fib., dms., 100 lbs., lb. 3.25 - —
cns., 25 lbs.....lb. 3.50 - —
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .35 - .40
Seed, Dutch, bgs.....lb. .07½- .08
Polish, bgs.....lb. .07¼- .07¾
Potash acetate, USP, bbls.,kgs.lb. .28 - .38
50% sol., bbls.....lb. .08½- .09
Bicarbonate, USP, cryst., bls, lb. .09 - .13
gran., bbls.....lb. .10 - .12
Bichromate, spot, c.l., works.lb. .08¾- —
6 casks or 10 bbls. or over, works..lb. .08¾- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l..lb. .05¾- —
Carbonate, liquid, dms., c.l., dlvd..lb. .02¾- —
l.c.l., 10 dms. or over...lb. .03¼- —
less than 10 dms.....lb. .03¼- —
tanks, dlvd.....lb. .02¾- —
USP, gran., bbls.....lb. .14 - —
powd., bbls.....lb. .19 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import., dms.....lb. .07 - .07¾

Potash caustic, liquid, 45% basis, dms..lb. .03½- .03½
tanks .....lb. .02¾- —
solid, 88-92%, dom.. dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import. csks.....lb. .06¼- .06¾
Chlorate cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .18
powd., kgs.....lb. .08½- .09¾
Chloride, tech., 98% cryst., bbls..lb. .04 - .04¼
Chromate, kgs.....lb. .28 - .29
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs..lb. 1.25 - 1.30
Guaiacolsulphonate, cns.....lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns..lb. .36 - .37
Hypophosphite, cns.....lb. .72 - .77
Iodate, bbls.....lb. 3.20 - 3.25
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms .....lb. .95 - .96
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports..ton.12.00 - —
Manure salt, dom., 20%, K_2O, bulk, c.l.f. ports..ton.12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .55 - —
import., 80% K_2O,bulk,shipt. unit-ton. .55 - —
Metabisulphite, kgs.....lb. .15 - —
Muriate, dom., all strengths, min. 50% K_2O, bulk..... unit-ton. .50 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, bbls .....lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton.36.25 - —
Vegetable, bulk, f.o.b.Balto.ton.19.97 Nom.
Xanthate, dms., c.l .....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.24.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls .....lb. .11½- .15
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .18 - .20
Propane, tanks, G.S .....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .20
Pumice stone, Italian,Amer.-grd., 4F, 3F, 2F, 1¼F, and coarser, bbls, 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03¼- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾ and ¼, bbls., 3 or over works lb. .04 - —
less than 3 works lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton.32.85 Nom.
l.c.l., 5-20 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs..ex whse.ton.45.70 - —
Pumpkin seed, bgs .....lb. .11 - .14
Purple lake (see Red)
Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs. 100 lbs. 4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
refined, dms., 1,000 lbs.100 lbs. 5.15 - —
500-999 lbs.....100 lbs. 5.35 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs. 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate liq (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms (incl.), frt. alld. E. of Rockies standard brand gal. 4.15 - —
basis, 3.6% pyrethrins, 55 gal. dms. (incl. frt. alld. E. of Rockies standard brand gal. 6.10 - —
Pyrethrum flowers coarse grnd. (g.f.p.), Japan bgs. frt. alld., 15 ton or over. lb. .12¾- —
fine powd., Dalmatian bbls.lb. .14 - .16
Japan, bbls frt. alld lb. .15¾- —
Pyridin, denaturing gal. 1.90 - —
refd., 2° dms lb. .40 - —
Pyrites, Spanish, buln f Atl. port unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst works, fib dms lbs lb. 2.15 - 2.40
resublimed, fib dms tins lb. 4.00 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works .....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs. works..lb. .12 - —
gray, cs., works .....lb. .10 - —
mixed, mottles opaque, cs., works..lb. .04 - —
shell-demi, cs. works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs works...lb. .20 - —
colors, cs., works ....lb. .12 - —
shavings, amber, cs works..lb. .16 - —
colors, mixed, cs works.lb. .16 - —
white, cs., works ....lb. .15 - —

Q

Quassia, chips, bls lb. .06 - .07
Quebracho extract 35% tan., bbls lb. .03¾- —
tanks, works lb. .02¾- —
solid, 63% tan., bgs, lock, plug, tuty lb. .03½- —
clarified, 64% same basis lb. .04½- —
Queen of the herb, lb. .06 - .07
Root, bgs... lb. .06 - .07
Quercitron extract 51°, lb. .06 - .06
solid, dms... lb .10 - .12
Quicksilver, dom flask.92.00 -93.00
net), dlvd
Quince seed, bgs. .lb. .75 - 1.50
Quinidine, cryst large, cns pwd., precip Sulphate, cns

Quinine, 100 ozs., cns.....oz. .74 - .
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .55 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns....oz. .66½- —
Hydrochlorosulphate, cns...oz. .74 - —
Hydroiodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .67 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride,cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06¼- .06½
Dutch, bgs.....lb. .06¼- .06½
Japanese, bgs.....lb. .06¼- .06½
Raspberries, dried, bbls.....lb. .80 - .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport,Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, ton lots, same basis..lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., tons lots, same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
selenide, bbls., ton lots.works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works .lb. 1.50 - —
smaller lots, works lb. 1.75 - —
Carmine 40, cns., 500 lbs .lb 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide)
Lake C toner, bbls., same basis alizarin lake, contract lb. 1.25 - —
open order lb. 1.30 - —
Lithol toner, bbls same basis alizarin lake, contracts lb .75 - —
open order.....lb. .80 - —
Lithol-rubin toner bbls, same basis alizarin lake lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake,contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech.,dom bbls. lb. 1.40 - —
Metallic, bbls. Pa works lb .02 - —
Orange, Persian (see O)
Oxide, pure, bbls., c.l works, lb .06¼- —
l.c.l., works lb. .06¾- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b Bethlehem, Easton, E. St Louis, New Castle, N Y lb. .06¾- —
80% copperas oxide bbls., same basis lb .07¾- —
Para toner, concent. kegs., same basis alizarin lake, contracts lb. .75 - —
open order lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N Y lb. .04¼- —
ex whse., Chicago St. Louis lb. .04¾- —
San Fran., Los Ang., Portland, Seattle lb. .05 - —
Phosphotungstic Rhodamine Y, bbls lb. 3.50 - —
Purple lake, kgs .lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E St. Louis lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls .lb. .20 - .80
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide.....lb. No Stocks.
Teluidin toner, kgs., same basis alizarin lake lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis .....lb. .30½- —
3, bbls., same basis .....lb. .28½- —
4, bbls., same basis .....lb. .33½- —
5, bbls., same basis .....lb. .24 - —
6, bbls. same basis .....lb. .24 - —
7, bbls., same basis .....lb. .24 - —
8, bbls., same basis .....lb. .23 - —
9, bbls., same basis .....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —

Pet. Solvent—Silica

Red, Venetian, bbls., works...lb. .0190- —
10%, bbls., works.....lb. .0215- —
15%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02½- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0325- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.72 - —
smaller lots.....lb. 1.73 - 1.83
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX, bxs., fib. dms., kgs., 100 lbs..lb. 1.74 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .90
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .06¼- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb, root, bbls., cs., kgs..lb. .32 - .33
powd., bbls., kgs.....lb. .35 - .37
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't.....lb. .14½- —
smaller lots.....lb. .15 - —
powd., bbls., 5,000 lbs., 1 shipm't .....lb. .13½- —
smaller lots.....lb. .14 - —
Rose flowers, pale, bls.....lb. .22 - .23
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .06¼
Rosin, gum, B, bbls., ex dock.. 280 lbs. 9.50 - —
E, bbls.....280 lbs. 9.90 - —
D, bbls.....280 lbs.10.20 - —
F, bbls.....280 lbs.10.75 - —
G, bbls.....280 lbs.10.75 - —
H, bbls.....280 lbs.10.75 - —
I, bbls.....280 lbs.10.75 - —
K, bbls.....280 lbs.10.90 - —
M, bbls.....280 lbs.10.90 - —
N, bbls.....280 lbs.11.00 - —
W. G., bbls.....280 lbs.11.05 - —
W. W., bbls.....280 lbs.12.75 - —
X, bbls.....280 lbs.12.75 - —
Wood, New York, F.F., bbls., 280 lbs.10.66 -11.75
K., bbls.....280 lbs.10.96 -12.05
M., bbls.....280 lbs.11.16 -12.25
N., bbls.....280 lbs.12.86 -13.95
Rottenstone, dom., bgs. c l.,f.o.b mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .06½- .10
Rue, bls.....lb. .21 - .22

S

Sabadilla seed, powd., bbls....lb. .22 - .25
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins.....lb.13.50 -14.50
Safrol, cns.....lb. .58 - —
dms. .....lb. .55 - —
Sage, Dalmatian, stemless.....lb. .06¼- .06¾
garden, bls.....lb. .06¾- .07¼
Sage flour, bgs.....lb. .02¾- .03¾
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.04 - —
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.14.08 -14.56
l.c.l., dlvd. N. Y.....ton.17.00 - —
Saltcake, grd., dom., bbls., works. ton.19.00 -22.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.l.f.....ton.12.00 -13.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots...100 lbs. 7.40 - 8.15
gran., bbls.,10-20 tons..100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots...100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots...100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.30.00 -32.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root,Honduras,bls.lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord. bls.....lb. .11 - .12
select, bls.....lb. .22 - .23
Savory, bls.....lb. .07½- .08
Saw palmetto berries, bgs.....lb. .28 - .30
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .40 - —
Seidlits mixture, bbls., 5,000 lbs., 1 shipm't.....lb. .11¼- —
smaller lots.....lb. .12 - —
kegs, 5,000 lbs., 1 shipm't.lb. .12 - —
smaller lots.....lb. .12½- —
Senega root, bls.....lb. .58 - .59
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls .....lb. .11 - .12
2, bls.....lb. .07 - .08
3, bls.....lb. .05½- .06
powd., bbls., bxs .....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. 1.25 - 1.30
Shellac, bleached, honeydry, bbls., f.o.b. N. Y..lb. .21 - .22
dlvd. Boston.....lb. .21½- .22½
Chicago .....lb. .22 - .23
Pacific Coast.....lb. .23 - .24
refd., bbls., f.o.b. N.Y.....lb. .25 - .28
dlvd. Boston.....lb. .24½- .25½
Chicago .....lb. .26 - .27
Pacific Coast.....lb. .28 - .29
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .30
superfine, bgs., f.o.b. Bost., N. Y..lb. .15 - .15½
dlvd. Chicago.....lb. .16 - .16½
Pacific Coast.....lb. .15 - .15½
T.N., bgs., f.o.b. Bost., N. Y. lb. .14 - .14¼
dlvd. Chicago.....lb. .15 - .15½
Pacific Coast.....lb. .17 - .17½
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.00
4½-lb. cut., bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls.....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut bbls .....gal. .95 - 1.05
Silica amorph., dry-grd., 95-97%, 325 mesh,bgs.,c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —

Silica—Toluol

Silica, amorph., wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons,works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works. ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98% 325 mesh, bgs., c.l., works..ton20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh., bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....**os. .44½- —**
Govt. purchase.....**os. .7757- —**
Silver nitrate, via.....**oz. .52%- .54⅝**
Nucleinate, cns., 500 ozs....**oz. .35 - .36**
Proteinate, cns., 500 ozs....**oz. .54 - .55**
Simarubra bark, bls.....**lb. .28 - .30**
Skatol, bots.....**oz. 4.00 -10.00**
Skullcap, Eastern, bls.....**lb. .25 - .26**
Western, bls.....**lb. .24 - .25**
Skunk cabbage root, bls.....**lb. .15 - .16**
Slate flour, bgs., c.l., works..**ton. 9.00 - —**
l.c.l., works.....**ton.10.00 -15.00**
Sloe berries, bgs.....**lb. .11 - .12**
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....**lb. .06½- .07**
Snakeroot, Canad., bls.....**lb. .24 - .26**
Soapbark, bls.....**lb. .07 - .08**
crushed, bls., bbls.....**lb. .11 - .12**
cut, bls., bbls.....**lb. .09 - .10**
powd., bbls.....**lb. .13 - .14**
Soda abietate, dms.....**lb. .08 - —**
Acetate, anhyd., dms.....**lb. .08¼- —**
flake, 60%, dms.....**lb. .04¼- .05**
Alginate, dms.....**lb. .04 - —**
Antimoniate, bbls.....lb. .15 - .15½
Arsenate, dms.....**lb. .09½- .11¼**
Arsenite, liq., dms.....**lb. .40 - .75**
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....**100 lbs. 2.03 - —**
2 .....**100 lbs. 2.18 - —**
3 .....**100 lbs. 2.43 - —**
4 .....**100 lbs. 2.83 - —**
bbls., c.l., works....**100 lbs. 1.50 - —**
l.c.l., Zone 1.....**100 lbs. 2.25 - —**
2 .....**100 lbs. 2.40 - —**
3 .....**100 lbs. 2.65 - —**
4 .....**100 lbs. 3.05 - —**
bulk, c.l., works....**100 lbs. 1.10 - —**
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....**100 lbs. 1.98 - —**
2 .....**100 lbs. 2.13 - —**
3 .....**100 lbs. 2.38 - —**
4 .....**100 lbs. 2.78 - —**
bbls., c.l......**100 lbs. 1.60 - —**
l.c.l., Zone 1.....**100 lbs. 2.35 - —**
2 .....**100 lbs. 2.50 - —**
3 .....**100 lbs. 2.75 - —**
4 .....**100 lbs. 3.15 - —**
bulk, c.l......**100 lbs. 1.05 - —**
light, 55%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....**100 lbs. 1.98 - —**
2 .....**100 lbs. 2.13 - —**
3 .....**100 lbs. 2.38 - —**
4 .....**100 lbs. 2.78 - —**
bbls., c.l., works.....100 lbs. 1.50 - —
l.c.l., Zone 1.....**100 lbs. 2.25 - —**
2 .....**100 lbs. 2.40 - —**
3 .....**100 lbs. 2.65 - —**
4 .....**100 lbs. 3.05 - —**
bulk, c.l......**100 lbs. 1.05 - —**

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), Ill., Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....**lb. .40 - —**
900 lbs. or less.....**lb. .43 - —**
USP, bbls., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....**lb. .47 - —**
900 lbs. or less.....**lb. .50 - —**
dms., 4,000 lbs. or more..lb. .47 - .48
1,000 to 3,900 lbs.....**lb. .48 - .49**
900 lbs. or less.....**lb. .51 - .52**
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls.,c.l.,works.100 lbs. 1.75 - —
l.c.l., dlvd. N.Y....**100 lbs. 2.39 - —**
kgs., c.l.....**100 lbs. 2.00 - —**
l.c.l., dlvd. N.Y....**100 lbs. 2.64 - —**
Bichromate, spot, c.l., works, lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .06¼- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....**lb. .12 - —**
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....**100 lbs. 3.50 - 3.60**
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l. works 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works 100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, bbls.....**lb. .31 - .32**
Cacodylate, jars.....**lb. 6.50 - 6.75**
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd.,powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.50 - —
l.c.l., Zone 1...**100 lbs. 3.45 - 4.60**
2 .....**100 lbs. 3.60 - 4.95**
3 .....**100 lbs. 3.85 - 5.20**
4 .....**100 lbs. 4.25 - 5.60**
electro process, dms., c.l. works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon process.

Soda caustic, liquid, 47-49%, buyer's tanks, works 100 lbs. 2.22½- —
seller's tanks, works..... **100 lbs. 2.35 - —**
76%, buyer's tanks, works, 100 lbs. 2.37½- —
seller's tanks, works..... **100 lbs. 2.50 - —**
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.50 - —
l.c.l., Zone 1...**100 lbs. 3.05 - —**
2 .....**100 lbs. 3.20 - —**
3 .....**100 lbs. 3.45 - —**
4 .....**100 lbs. 3.85 - —**
electro process, dms., c.l., works..100 lbs. 2.65 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, USP, VIII, gran., bbls. 225 lbs. .21 - —
cns, 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns, 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28 - —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs, 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hydrophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst.,large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. .65 - .70
cryst., kgs.....lb. .55 - .60
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, 100-lb. bgs., Mar.-June dlvy., ports.ton.27.50 - —
200-lb. bgs., same basis, ton.26.80 - —
bulk, same basis.....ton.25.50 - —
rfd., gran., bbls, 10-25..100 lbs. 2.25 - —
5-9 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls.....lb. .05⅞ Nom.
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized...lb. .07 - —
West Coast, f.o.b. ports.lb. .08¼- —
l.c.l.....lb. .08½- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works.... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.06 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, contracts..lb. .10 - —
spot .....lb. .11½- —
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs., dlvd. N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works, 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .06½- .07
import, bbls.....lb. .06½- .07
Stannate, dms.....lb. .35½- .38½
Stearate, lump, bbls., works..lb. .20 Nom.
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
Soda sulphide, cake, chips, broken, bbls., c.l., works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd. 100 lbs. 4.25 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.85
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .80 - .85
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works, lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .22 - .23
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works....lb. .01¼- —
tanks, works.....lb. .01⅜- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs...100 lbs. 3.78 - 3.98
powd., bgs.....lb. 3.88 - 4.08
Iodide, bots.....lb. 1.87 - —
Potato, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .08¼- .08¾
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .10¼- .10½
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .11 - .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe,bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .43
powd., cns.....oz. .52 - .55
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts.long ton.18.00 - —
c.l., spot, nearby.long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long-ton.22.00 -25.00
Bost., Portland..long-ton.22.50 -25.50
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
Refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., bbls., works..100 lbs. 2.30 - 2.70
rfd., extra fine, bgs., c.l., works..100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls, works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
Roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls, works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
Chloride, dms., c.l., works...lb. .02½- —
l.c.l., dms., works.....lb. .03½- —
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .15 - .17
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....**lb. 3.80 - 3.85**
Sumac, leaf, Sicilian, bls.....ton.60.00 -63.00
Extract, 42°, bbls.....lb. .05¾- .06¼
51°, bbls.....lb. .06½- .06⅝
Stainless, bbls.....lb. .08¾- .09¼
Sumac, leaf, Sicilian, bls.....ton.65.00 -68.00
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06¼- .06¾
poultry, bgs.....lb. .05¾- .06¼
Hungarian medium, bgs..lb. .06¼- .06¾
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.25 - 8.32½
run-of-pile, basis 16%, bulk same basis..ton. 8.00 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

T

Talc, dom., Calif., 1, bgs, c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....**ton.17.00 - —**
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.13.00 - —
l.c.l., mills.....**ton.15.00 - —**
96.98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....**ton.16.00 - —**
98-99½% 325 mesh,bgs.,c.l., mills, ton..14.10 - —
l.c.l., mills.....**ton.15.00 - —**
99.85-99.95% 325 mesh, bgs., c.l., mills..ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 -12.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
bgs., c.l., mills..ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....**ton.25.00 - —**
import., Canad., bgs., c.l., dlvd..ton.28.00 - —
l.c.l., dlvd.....**ton.28.50 - —**
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....**ton.27.50 -32.50**
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....**ton.85.00 - —**
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls....lb. .10¼ Nom.
extra, loose, works.....lb. .08¾- .09
special, loose, works.....lb. .08⅝- .08⅞
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l......**lb. .07½- —**
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l......**lb. .08 - —**
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l......**lb. .08½- —**
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 4.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 3.90 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago..unit-ton. 3.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.00 4.10 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, Mar.-Apr. shipt..unit-ton. 4.00 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .05½
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....**gal. .25 - —**
l.c.l......**gal. .26 - —**
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms, c.l., works.....**gal. .21 - —**
l.c.l., same basis.....**gal. .24 - —**
25%, dms., c.l., works.....**gal. .24½- —**
l.c.l., same basis.....**gal. .27½- —**
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....**lb. .25 - —**
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....**lb. .25 - —**
USP, powd. bbls.....**lt 30 - .30½**
Terebene, cns.....**lb. .70 - .75**
Terpenyl acetate, cns.....**lb. .85 - 1.00**
Terpin hydrate, kgs.....**lb. .45 - .46**
Terpineol, CP, cns.....**lb. .26 - —**
dms.....**lb. .23 - —**
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts.....**lb. .13¾- —**
tanks.....**lb. .14 - —**
contracts.....**lb. .13 - —**
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08¼
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....**lb. .12 - —**
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....**lb. 1.85 - 1.95**
Sodiosalicylate, cns.....**lb. 1.65 - 1.75**
Thiocarbanilide, dms.....**lb. .20 - —**
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .09¾- .10¼
Thymol, bots., 100 lbs.....**lb. 1.65 - —**
smaller lots.....**lb. 1.70 - 1.95**
Iodide, kgs., 50 lbs.....**lb. 3.15 - 3.20**
25 lbs.....**lb. 3.25 - 3.30**
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same basis.....**lb. .27 - —**
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .40 - .40½
Metal, Straits.....5485- —
Oxide, bbls.....lb. .57 - .59
Tetrachloride, anhyd., bbls...lb. .28 - —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .16 - —
Pac. cst., f.o.b.terminals.lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¼- —
Pac. cst., ex whse....**lb. .16¼- —**
50-999 lbs., E. dlvd.....**lb. .16¾- —**
Pac. cst., ex whse.....**lb. .16¾- —**
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse.....**lb. .19 - —**
bbls., c.l. (20 tons) E., frt. alld.....**lb. .16¼- —**
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....**lb. .17 - —**
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....**lb. .06 - —**
Pac. cst., ex whse..lb. .06 - —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....**lb. .06¼- —**
calcium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....**lb. .06 - —**
Pac. cst., ex whse..lb. .06 - —
under 50 lbs., E. dlvd..lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....**lb. .06¼- —**
Tolidin base, kgs.....**lb. .85 - .90**
distilled, kgs.....**lb. .95 - 1.00**
Tolu, balsams, cns.....**lb. .48 - .53**
Toluidin, mixed, dms.....**lb. .36 - —**
Toluol (toluene), pure, dms., works,..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....**gal. .30 - —**

Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks...lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms, l.c.l., works. lb. 1.25- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .35 - .40
dms., c.l., dlvd.....lb. .32 - —
500 lbs., dlvd.....lb. .35 - —
tech., 1, cns., dlvd.....lb. .26 - .27
dms., c.l., dlvd.....lb. .22½- —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .24 - .25
dms., c.l., dlvd.....lb. .20½- —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works.lb. .26 - .30
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms.....lb. .34 - .36
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.49.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00- —
l.c.l., 1 ton, works....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tri basic).
Tungsten metal, powd., 98%, dms lb. 1.90 - 2.00
99%, dms.....lb. 2.05 - 2.15
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs....lb. .06½- .07
Madras, bgs.....lb. .06¼- .06¾
Turpentine, spirits, gum bbls., c.l., ex dock..gal. .47 - —
l.c.l., 10, ex dock.....gal. .49 - —
5, ex dock.....gal. .51 - —
wood dest.-dist., dms., c.l., dlvd, E. cities, ports..gal. .39 - —
l.c.l., same basis....gal. .41 - —
tanks, dlvd., E. cities..gal. .35 - —
steam-dist., dms., c.l., dlvd.gal. .44 - —
l.c.l., dlvd.....gal. .45 - —
tanks, dlvd.....gal. .37 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Urea, import, 46% N, bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. Gulf ports..unit-ton. 1.04 - —
Uvaursi leaves, bls.....lb. .15 - .16

V

Valerian root, 67s.....lb. .11 - .12
Valonia, beards, bgs., shipt..ton.49.00 - —
Cups, bgs., shipt.....ton.32.00 -34.00
Vanilla beans, Bourbon, tins..lb. 4.00 - 4.50
Mexican, tins .....lb. 4.00 - 4.50
cut, tins.....lb. 3.75 - 4.00
South American, tins.....lb. 3.75 - 4.00
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more. lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more. lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs.....lb. .47 - .49
Verdigris, kgs.....lb. .24 - .26
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .76 - .80
tree, bark, bls.....lb. .24 - .25
Wattle bark, bgs., shipt.....ton.31.00 32.00
Extract, 60°, bbls.....lb. .03⅝- —
Wax, bayberry, import, bgs....lb. .16½- .17
Bees, white, bleach, slabs., cs., 500 lbs..lb. .38 - .44
yellow, crude, Africa, bgs., lots of 10..lb. .29½- .30
1 bg.....lb. .30 - .30½
Brazil, Chile, bgs., 5-10 tons. lb. .31 - .32
1 ton.....lb. .31½- .32½
500 lbs.....lb. .32 - .33
100 lbs.....lb. .32½- .33½
refd., slabs, cs., lbs.....lb. .34 - .38
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, bgs., No. 3 chalky, 1 ton..lb. .34½- .35
5, bgs.....lb. .35 - .35½
1, bgs.....lb. .35½- .36
N. C. 2, bgs.....lb. .38 - .40
N. C. 3, bgs., 1 ton.....lb. .35 - .35½
5, bgs.....lb. .35½- .36
1, bgs.....lb. .36 - .36½
refined, bgs.....lb. .39 - .40
Wax, carnauba, yellow, 1, bg., 1 ton..lb. .45 - .45½
5, bgs.....lb. .45½- .46
1, bgs.....lb. .46 - .46½
2, bgs.....lb. .43½- .44
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10½- .11
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11⅝
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .32 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bots, 5 lbs..lb. 1.90 - —
dms.....lb. 1.70 - 1.78
Whiting, chalk, coml., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 - 14.50
wet-grd., bgs., c.l., works. ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
5 bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works. ton.14.60 -20.60
l.c.l. works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —

Tonga Vine—Yellow, Cadmium

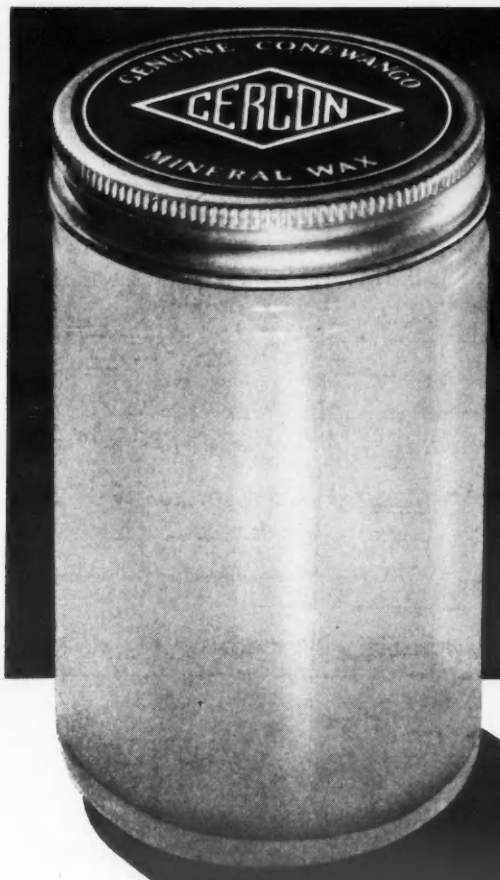
Whiting, limestone, putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock....ton.33.00 - —
Wormseed, American, bgs.....lb. .20 - .21
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .80 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
95° dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs, same basis.....lb. .50 - —
sulphide, orange, bbls., works, lb. .90 - .97
yellow, bbls., works.....lb. .90 - 1.00



PERHAPS THIS NEW SYNTHETIC WAX WILL LOWER YOUR PRODUCT COST

Into the highly complex field of commercial waxes comes CERCON, a refined mineral product which is supplied in six colors: Snowdrift, Lemon, Orange, Tangerine, Apricot and Olive.

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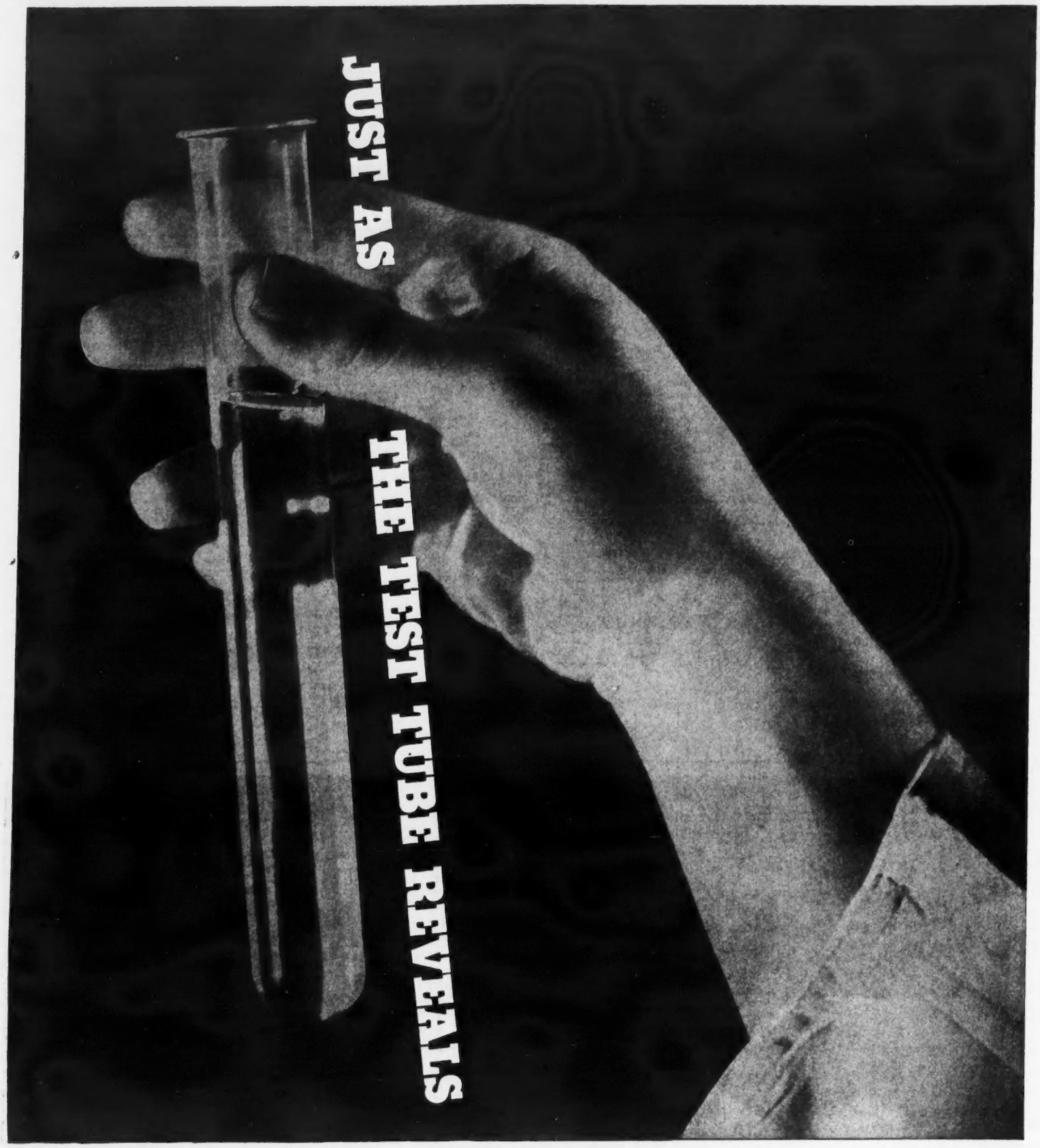
Your inquiry will be promptly acknowledged

The Conewango Refining Co.
WARREN, PENNSYLVANIA



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For complete information and samples, write to Section M-221, Appliance and Merchandise Dept., General Electric Company, Bridgeport, Connecticut.

GENERAL ELECTRIC

GLYPTAL

APPLIANCE AND MERCHANDISE DEPARTMENT, GENERAL ELECTRIC COMPANY, BRIDGEPORT, CONNECTICUT

Yellow, chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .13 - —
open order.....lb. .14 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls.....lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01⅜- —
H, bbls., works.....lb. .01¼- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import. lb. .0235- —
New York (f.o.b.)..lb. .02¼- —
Philadelphia, for import..lb. .02¼- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .0245- —
New York.....lb. .02⅝- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03⅛- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto, Boston, N. Orleans..lb. .0260- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis. lb. .03⅛- —
Minneapolis .....lb. .03⅜- —
New York.....lb. .02⅝- —
Pittsburgh .....lb. .03⅛- —
Portland, Seattle...lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock. lb. .02½- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, U.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers, E. of Rockies..lb. .10 - —
dealers .....lb. .09½- .14½
1,000 lbs. and over, consumer..lb. .10½- —
dealer .....lb. .10 - .15
less than 1,000 lbs., consumer..lb. .11 - —
dealer .....lb. .10½- .15½
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .12 - .14
USP, precip., powd., bbls..lb. .31 - —
bbls. .....lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., dms., works.100 lbs. 4.60 - —
gran., dms., c.l., works. 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
Chloride, solution, dms., works. lb. .04½- —
tanks, works.....lb. .02 - —
Cyanide, kgs., works.....lb. .36 - —
Dust, bbls., c.l., dlvd.....lb. .0870- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0945- —
less than 10,000 lbs., dlvd. lb. .0995- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in report). Market
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex whse., Pac. cst.lb. .05¾- —
leaded, 5%, 35%, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex whse., Pac. cs.lb. .05¾- —
bbls., c.l., dlvd.....lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
50%, bgs., c.l., dlvd.lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05¾- —
French process, coml., lead-free, bgs., c.l., dlvd.lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse.,Pac. cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse.,Pac. cst.lb. .05¾- —
green seal, bgs., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex-whse.,Pac. cst.lb. .06½- —
bbls, c.l., dlvd.....lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex-whse.,Pac. cst.lb. .06¾- —
Zinc oxide, pigment, dom., French process, red seal, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd. except Pac. cst..lb. .06 - —
ex whse., Pac. cst.lb. .06 - —
bbls., c.l., dlvd.....lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06¼- —
white seal, bgs., c.l., dlvd. lb. .06¾- —
l.c.l., dlvd. except Pac. cst..lb. .07 - —
ex whse., Pac. cst.lb. .07 - —
bbls., c.l. dlvd.....lb. .07 - —
l.c.l., dlvd. except Pac. cst..lb. .07¼- —
ex whse., Pac. cst.lb. .07¼- —
import., gold seal, cks., ex dock..lb. .10¾- .11⅛
green seal, bbls., 1-15 tons, ex dock..lb. .07½- .09½
ex whse.....lb. .07¾- .09⅝
red seal, bbls., 1-15 tons, ex dock..lb. .08⅞- —
ex whse.....lb. .09 - —
white seal, cks., lots of 3, ex dock..lb. .09¾- —
ex whse.....lb. .10 - —
smaller lots, ex dock...lb. .10 - —
ex whse.....lb. .10¼- —
Oxide, USP, bbls., c.l.....lb. .08 - —
l.c.l. .....lb. .08¼- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - —
Sulphate, cryst., bgs., c.l.100 lbs. 2.65 - —
l.c.l. .....100 lbs. 3.40 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l. .....100 lbs. 3.55 - —
flake, bgs., c.l....100 lbs. 3.05 - —
l.c.l. .....100 lbs. 3.80 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l. .....100 lbs. 3.95 - —
powd., bgs., c.l.....100 lbs. 4.35 - —
l.c.l. .....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l. .....100 lbs. 5.25 - —
sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l. (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 4.65 - —
l.c.l., dms, works.....100 lbs. 5.00 - —
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. except Pac. cst..lb. .04½- —
ex whse., Pac. cst....lb. .04½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.75.00 -100.00
kgs., small lots, works...lb. .04¼- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.52

Synthetic Resins
and other Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works..lb. .16 - —

B

Bakelite, BR, 254, dms., 30,000 lbs., works..lb. .48 - —
15,000 lbs., works.....lb. .49 - —
5,000 lbs., works.....lb. .50 - —
802, dms., 30,000 lbs., works.lb. .26 - —
15,000 lbs., works.....lb. .26½- —
5,000 lbs., works.....lb. .27 - —
1329, dms., 30,000 lbs., works. lb. .32 - —
15,000 lbs., works.....lb. .33 - —
5,000 lbs., works.....lb. .34 - —
2072, dms., 30,000 lbs., works. lb. .23 - —
15,000 lbs., works.....lb. .23¼- —
5,000 lbs., works.....lb. .24 - —
2943, dms., 30,000 lbs., works. lb. .24 - —
15,000 lbs., works.....lb. .24½- —
5,000 lbs., works.....lb. .25 - —
3360, dms., 30,000 lbs., works. lb. .42 - —
15,000 lbs., works.....lb. .43 - —
5,000 lbs., works.....lb. .44 - —
4036, dms., 30,000 lbs., works. lb. .40 - —
15,000 lbs., works.....lb. .41 - —
5,000 lbs., works.....lb. .42 - —
6882, dms., 30,000 lbs., works. lb. .44 - —
15,000 lbs., works.....lb. .45 - —
5,000 lbs., works.....lb. .46 - —
XJ, 2681, dms., 30,000 lbs., works..lb. .21½- —
15,000 lbs., works.....lb. .22 - —
5,000 lbs., works.....lb. .22½- —
XR, 2175, dms., 30,000 lbs., works..lb. .23 - —
15,000 lbs., dms., works.lb. .23½- —
5,000 lbs., dms., works..lb. .24 - —
2987, dms., 30,000 lbs., works. lb. .32 - —
15,000 lbs., works.....lb. .33 - —
5,000 lbs., works.....lb. .34 - —
3180, dms., 30,000 lbs., works. lb. .59 - —
15,000 lbs., works.....lb. .60 - —
5,000 lbs., works.....lb. .61 - —
Bronze gum, 1, dms., works...lb. .11 - —
3, dms., works.....lb. .09 - —

C

Cumar, AX, dms., works.....lb. .05¾- —
BX, dms., works.....lb. .05¾- —
CX, dms., gross weight, works, lb. .04¼- —
DX, dms., gross weight, works, lb. .03½- —
EX, dms., gross weight, works, lb. .03½- —
FX, dms., gross weight, works, lb. .04 - —
MH, col. ½, dms., works....lb. .11 - —
1, dms., works.....lb. .10 - —
1½-2, dms., works.....lb. .09 - —
2½ and darker, dms., works. lb. .08 - —
MS, dms., works.....lb. .09 - —
P, 10°-90° C., col. 3 and darker, dms., works..lb. .09½- —
RH, dms., works.....lb. .09 - —
RS, dms., works.....lb. .09 - —
special soft, dms., works...lb. .09 - —
Cumar, V, col. ½, dms., works.lb. .11 - —
1, dms., works.....lb. .10 - —
1½-2, dms., works.....lb. .09 - —
2½ and darker, dms., works. lb. .08 - —
W, col. ½, dms., works.....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works. lb. .09 - —
Cumar prices include frt. equald. with Pittsburgh; prices on contracts terminating June, 1937, are ¼c. per pound lower.

D

Durite,1,301 dms.,1 ton,frt.alld.lb. .30 - —
smaller lots, frt. alld.....lb. .35 - —

G

Guai-a-phene, 10-gal. cns., works gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn, dms. (nonreturnable), works..lb. .22 - —

J

Jonite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, or red label, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd. E. of Rockies.lb. .05½- —
Pac. cst., ex whse.....lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd. E. of Rockies.lb. .05¾- —
Pac. cst., ex whse.....lb. .05¾- —

L

Locto, 545, bbls, works.....lb. .43 - .45
2102, bbls., works.....lb. .28 - .30

N

Nevillac, dms., works.....lb. .15 - —
Nevillac prices on contracts terminating June, 1937, are ½c. per pound lower; Los Angeles and San Francisco ex-whse., 3c. per lb. extra.
Neville resin, R-1 nevindene, col. ½ dms., works..lb. .12 - —
R-3, nevindene, col. 1, dms., works..lb. .11 - —
R-5, nevindene, col., 1½-2, dms., works..lb. .10 - —
R-6, nevindene, col. 2½-3½, dms., works..lb. .09 - —
R-7, N.P.S., col. below 3, dms., works..lb. .11 - —
R-8, N.P.S., col. below 3, dms., works..lb. .11½- —
R-9, hard, col. ½, dms., works. lb. .11 - —
R-10, hard, col. 1, dms.,works. lb. .10 - —
R-11, hard, col. 1½-2, dms., works..lb. .09 - —
R-12, hard, col. 2½ and darker, dms., works..lb. .08 - —
R-13, medium, col. ½, dms., works..lb. .11 - —
R-14, medium, col. 1, dms., works..lb. .10 - —
R-15, medium, col. 1½-2,dms., works..lb. .09 - —
R-16, medium, col. 2½ and darker, dms., works..lb. .08 - —
R-17, medium soft, col. 3½-8, dms., works..lb. .09 - —

Yellow—Varcum

Neville, R-19, medium soft, col. 3½-8, dms., works..lb. .09 - —
R-21, soft, col. 2½-8, dms., works..lb. .09 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .09 - —
R-27, medium soft, col. 1, dms., works..lb. .11¼- —
R-28, medium soft, col. 1½-2, dms., works..lb. .10½- —
R-29, medium soft, col. 2½ and darker, dms., works..lb. .09½- —
R-41, phenester, col. 3½-5, dms., works..lb. .16 - —
Neville resin prices are freight equalized with Phila.; prices on contracts terminating June, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex-whse., 3c. per lb. extra.
Nuodex drier, liquid, cobalt, 4%, dms., dlvd..lb. .20%- —
6%, dms., dlvd.....lb. .24½- .26½
lead, 16%, dms., dlvd.....lb. .12 - .14
24%, dms., dlvd.....lb. .18 - .19
manganese, 4%, dms., dlvd. lb. .12 - .13
6%, dms., dlvd.....lb. .14 - .15
zinc, 8%, dms., dlvd.....lb. .17 - .18
solid, cobalt, 12%, dms., dlvd. lb. .46 - —
lead, 40%, dms., dlvd.....lb. .28 - —
manganese, 11%, dms., dlvd. lb. .25 - —
zinc, 12%, dms., dlvd.....lb. .26 - —

P

Pilelite, milled, dms., 1 ton, works..lb. .75 - —
smaller lots, works.....lb. .79 - —
unmilled, dms., 1 ton, works..lb. .66 - —
smaller lots, works.....lb. .69 - —

S

Seligen drier, liquid, cobalt 6%, dms., 10, works..lb. .23½- —
less than 10, works..lb. .25½- —
lead, 16%, dms., 10, works. lb. .12 - —
less than 10, works..lb. .14 - —
25%, dms., 10, works...lb. .19 - —
less than 10, works..lb. .21 - —
manganese, 4%, dms., 10, works..lb. .14 - —
less than 10, works..lb. .16 - —
zinc, 7%, dms., 10, works.lb. .18 - —
less than 10, works..lb. .20 - —
solid, cobalt, dms., 10, works. lb. .45 - —
less than 10, works..lb. .47 - —
lead, dms., 10, works.....lb. .24 - —
less than 10, works..lb. .26 - —
lead-cobalt, dms., 10, works, lb. .29 - —
less than 10, works..lb. .31 - —
lead-cobalt-manganese, dms., 10, works..lb. .30 - —
less than 10, works..lb. .32 - —
lead-manganese, dms., 10, works..lb. .24 - —
less than 10, works..lb. .26 - —
manganese, dms., 10, works. lb. .24 - —
less than 10, works..lb. .26 - —
Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.35.00 - —

V

Varcum, 250, dms., 25, works.lb. .41 - —
single, works.....lb. .42 - —
250 F, dms., 25, works.....lb. .42 - —
single, works.....lb. .43 - —
700, dms., 25, works.....lb. .29 - —
single, works.....lb. .30 - —
965, dms., 25, works.....lb. .26 - —
single, works.....lb. .27 - —

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Oil, Paint and Drug Reporter

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Go, and Be Benefited

Those who attend the well-known annual dinner of the drug and chemical trades of this city this week will get out of their attendance exactly what they are looking for. The original purpose of this dinner was to cultivate acquaintanceship, better understanding, and friendship among those who had more or less close relations as seller and buyer or as competitors. More than a little achievement in that direction is to be recorded. Competitive conditions have been noticeably improved since the first of these dinners was held twelve years ago. There has been substantial improvement also in the relations between buyers and sellers.

While some of the twelve years' improvement in both respects must be attributed to other causes, including the fraternalizing influence of the commonly shared vicissitudes of the period of depression, it must be said that the soil was prepared and enriched for the furtherance of the processes of these courses by the better feeling that the annual gathering of the trades had instilled.

Although the dinner has become far broader than its original purpose in respect of those whom it attracts, it has not wholly lost its interest for those who are in position to look upon common objectives and desires from practically the same level. So, for those who are so purposed the opportunity offers to view their problems from angles that differ only by degrees that are horizontally laid. (This difference is far less obstructive than is that which is vertical and often horizontal as well.)

He who goes to the drug and chemical dinner can find there, if he so desires, a wealth of information. He can prosecute worthwhile market research, and find, too, a deal of social delight. He can, in fact, learn much that it will be good for him to know as a business man and as a man. Of course, if he is seeking more for the pleasurableness of social contacts, he can find that in goodly measure, and he may be permanently, as well as temporarily, helped thereby to know that his competitors are good fellows who can be talked to and reasoned with when differences arise. So, whatever he may be seeking, it will be good for him to go.

Objections to Drug Bill

President Roosevelt has intimated that the pending legislation to revise the food and drugs act is not satisfactory to him. He has said that the bill impresses him as weakening the existing act. Apparently the President's criticism rests mainly on the proposal to limit multiple seizures, but it is probable that he has been influenced also by objections of consumer groups to the transferring and concentrating of court actions and the requirement that misstatements be material.

The multiple seizure provision has long been most controversial. Its weakening effect, if it will have any, would be on administrative power, rather than on the proscriptions of the act. A better wording of the provision may be desirable, but a more desirable procedure, equally effective, is afforded by the provision for court injunctions. These do not make opinion supreme.

Transfer and concentration of court actions will not weaken the act, but will speed enforcement procedure. There must be some faith in the integrity of the courts.

A statement that is false or misleading in respect of the purpose of the act is false or misleading in a material particular. The qualification would be unnecessary if facts not opinion, were always the official criterion.

—O-P-D—

Teeth for Trade Codes

The current year is big with opportunities for trade associations. Federal and State laws have been enacted, which offer means of greatly enhancing the value of associations to their business groups, and more laws of similar and greater import are certain to come. These opportunities may well be selected to the full, practicable extent as the bases of the deliberations of trade associations in their 1937 conventions.

These opportunities have not relaxed the statutory restrictions which some trade associations have found obstructive of certain purposes. Some possible legislation may ease the way for a part of these restricted desires, but they will not vest associations with the full license that may seem to be desirable. Very often this so-called "freedom of action," when properly analyzed, is clearly shown to be quite otherwise than beneficial to a trade group as a whole, and it should be the first purpose of a trade association to work for all —even this may mean, and often must mean, working against some members of the group.

As a beginning, it will be well for every trade association to consider the eventual benefits of endeavoring to make of its code of ethics something more than a collection of sonorous canonical pronouncements. Too often this code is not looked upon with the proper degree of respect. It is not regarded as a reflection in business activities of the ethical provisions of the Mosaic decalog, as it should be, but is reduced to the terms of the so-called "eleventh commandment" — "Thou shalt not get caught at it!"

The canons of trades, and those of professions as well, lack one essential of effectiveness: they carry no penalty. It is unfortunately true that doing right in all things voluntarily is not an outstanding characteristic of human nature. Codes of ethics cannot correct this; even the laws of the land fall short of full effectiveness. But, laws, with a penalty attached to their violation, can and will do far more than canons subscribed to with a piety more or less assumed for the occasion.

Trade associations cannot expect their ethical canons to reform human nature. Therefore should they address themselves to endeavors to give to these canons a measure of the force of laws. In other words, they should endeavor to have their codes of ethics translated, insofar as is possible, into rules of trade practice with the authority of the Federal Trade Commission behind them. It is not governmental interference with business, but necessary governmental help for business, when the power of government is enlisted in endeavors to make business clean.

—O-P-D—

Dawn of the Seller's Day

To the extent that it may be effective for its purpose, the Robinson-Patman act clearly will do one thing—at least, it will enable this to be done. It will narrow, if not wholly eliminate, the existence of the buyer's market and place the commercial transferring of goods in sellers' hands—where it belongs.

Furthermore, the patent effect of the Robinson-Patman act will take markets out of the hands of sellers of the type whose motto is "All's fair in love—of volume—and war—on profits." This is one of the purposes of the act. It must have a consequence, and this is that selling will have to be restored to its one-time importance in commerce, an importance which it lost in large degree in the mad drive for bargains and favors, in which both sellers and buyers have been equally bereft of reason.

To the extent that the Robinson-Patman act is applicable or may be made applicable to the effecuation of its purpose of equitable treatment, the application of intelligent selling and sales promotion will become essential to success in commercial endeavors. There will be some necessity to strive for economies in production; but production costs are very low in comparison with costs of distribution, and the greater opportunity exists in the latter division for savings through intelligent selection of methods and efficient use of them. In many instances high pressure must go the way of low profits and be replaced through keen analysis of ultimate costs, which will include all the factors that have been disregarded or unrecognized in the prevailing practice of looking only at immediate returns.

The cost of distribution will not stand such analysis, as everyone knows who has endeavored to justify excessive quantity discounts and other discriminations in prices. The favors that have been sought, demanded, and granted have not reduced the cost of distribution as a whole; they have increased it, because somebody has had to pay, and this somebody has been the majority of distributors, handling by far the larger part of all articles of commerce.

The Robinson-Patman act has marked the dawn of the seller's day. What is he going to make of it? He can use the advantage that is his to add further to the cost of distribution. In that way lies still greater folly. He can, by intelligent selection of selling methods and of methods of sales promotion—not the least important of which is advertising with efficiency as its purpose—substantially reduce the cost of distribution. A seller's market can be more advantageous than ever a buyer's market could be to the consumer if it is a market and not a mess of wastefulness and greed.

The Time:

THURSDAY, MARCH 4TH

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(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

4-Aminobenzotrifluoride-3-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

5-Aminobenzotrifluoride-4-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

2-Aminobenzotrifluoride-5-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

2-Anthraquinonylbeta-paratoluenesulphonyl-ethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
- Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
- Animal pests
- Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)

Assistant (Brit. 444262 and 444501) in—
- Textile processing

Benzyldeltaphenylbutyl-methylamine Hydrochloride

Chemical

Claimed (U.S. 2006114) as—
- Substitute for papaverine

Beta-4-hydroxy-3-carboxyphenyloctane

Fungicide

As a fungicide (U.S. 2001767)

Betaphenoxyethyl-stearamide

Chemical

Starting point (Brit. 443902) in making—
- Sulphonated sodium salts, stable to calcium chloride and acids, which are used as scouring agents for raw wool

4-Chlor-5-aminobenzotrifluoride-2-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making dyestuffs

8-Chlor-1-benzothiazyl-betaparatoluenesulphonylethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
- Organic syntheses

Insecticide

Insecticide (Brit. 444262 and 444501) for—
- Animal pests
- Vegetable pests

Textile

As a dyestuff (when employing suitable initial materials) (Brit. 444262 and 444501)

Assistant (Brit. 444262 and 444501) in—
- Textile processing

2-Chlor-4-diethylparaphenylenediamine

Dye

Starting point (Brit. 447905, 447906, and 448016) in making—
- Monoazo dyes for leather, particularly chrome leather

2-Chlor-4-dimethylparaphenylenediamine

Dye

Starting point (Brit. 447905, 447906, and 448016) in making—
- Monoazo dyes for leather, particularly chrome leather

Copper Sulphate

(Additional uses—supplementary to lists printed in the OIL, PAINT AND DRUG REPORTER *for September 10, 1934, page 42)*

Electrical

In aqueous solution as a liquid resistance for high voltages

Explosives and Matches

Ingredient of—
- Pyrotechnic blue fires

Glue and Adhesives

Ingredient of—
- Water-resistant adhesives for wood

Insecticide and Fungicide

Ingredient of—
- Admixtures with lime for treating crowns for hop downy mildew control
- Cattle parasiticides
- Field-weed killers (Brit. 385860)
- Fungicides
- Snail killers
- Weed killers (in dehydrated form, which is claimed to have many advantages over other forms) for use against hedge mustard and the like, especially against young, not yet fully developed weeds (Brit. 425361)

Starting point (Brit. 442664) in making—
- Complex copper silicates suitable for horticultural and agricultural purposes

Seed-treating agent for—
- Reducing bacterial blight of beans

Laundering

Ingredient of—
- Laundry marking inks

Leather

Reagent for—
- Treating tanned leather in order to permit the use of basic dyes instead of acid dyes

Lumbering

Ingredient (U.S. 1852090) of—
- Wood-preservative compound

Metallurgical

Dipping agent (U.S. 1925305) for—
- Iron wire, whereby the wire is copper-coated, the coating acting as a lubricant in wire-drawing

Ingredient of—
- Metal-marking inks

Ingredient of baths for imparting—
- Black coloring to zinc, aluminum, and copper
- Bluish-black finishes to steel
- Brown colors to zinc
- Brown colors to copper
- Green colors to brass
- Oxidized silver effects to aluminum
- Reddish-brown colors to copper
- Statuary finishes on naval bronzes
- Various shades to copper

Miscellaneous

Ingredient of—
- Antirusting solution (with soda ash) for automobile radiators (U.S. 1853341)
- Blue-colored, nonfading waters for filling bottles used as colored displays in drug store windows
- Fur dye mordant compositions
- Purifying, deodorizing, and oxidizing, filtering material (with calcium hypochlorite and an inert cellular material) (U.S. 1734197)

Photographic

Ingredient of—
- Mordant baths used in intensifying photographic negatives by mordant dyeing processes

Rubber

Catalyst (Brit. 390097) in—
- Chlorinating rubber latex

Water and Sanitation

Dosing agent for—
- Destroying algae in swimming pools

Di-2-butyloctyl Phthalate

Ceramics

Plasticizer (Brit. 442643) in—
- Compositions, containing natural or artificial gums and resins, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (Brit. 442643) for—
- Natural and artificial gums and resins

Electrical

Plasticizer (Brit. 442643) in—
- Insulating compositions, containing natural or artificial gums and resins, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 442643) in—
- Compositions, containing natural or artificial gums and resins, used as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (Brit. 442643) in—
- Adhesive compositions containing natural or artificial gums and resins

Leather

Plasticizer (Brit. 442643) in—
- Compositions, containing natural or artificial gums and resins, used as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (Brit. 442643) in—
- Coating compositions, containing natural or artificial gums and resins, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 442643) in—
- Coating compositions containing natural or artificial gums and resins, used for protecting and decorating various products

Paint and Varnish

Plasticizer (Brit. 442643) in—
- Paints, varnishes, lacquers, enamels, and dopes containing natural or artificial gums and resins

Paper

Plasticizer (Brit. 442643) in—
- Compositions, containing natural or artificial gums and resins, used for protecting and decorating products made of paper or pulp

Plastics

Plasticizer (Brit. 442643) in making—
- Laminated products from natural or artificial gums and resins and other materials
- Molded products from natural or artificial gums and resins and other materials
- Plastics from natural or artificial gums and resins and other materials

Resins

Plasticizer (Brit. 442643) for—
- Resinous compositions and solutions

Rubber

Plasticizer (Brit. 442643) in—
- Coating compositions, containing natural or artificial gums and resins, used for decorating and protecting rubber products

Stone

Plasticizer (Brit. 442643) in—
- Coating compositions, containing natural or artificial gums and resins, used for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 442643) in—
- Compositions, containing natural or artificial gums and resins, used in the manufacture of coated textile fabrics

Woodworking

Plasticizer (Brit. 442643) in—
- Compositions, containing natural or artificial gums and resins, used as protective and decorative coatings on woodwork
- Plastic compositions, containing natural or artificial gums and resins, used for many filling and repairing purposes on wood

Dicresoldithiophosphoric Acid

Metallurgical

Collector in—
- Ore concentrating by flotation processes

4-Diethylaminobetahydroxyethylaminoanilin

Dye

Starting point (Brit. 447905, 447906, and 448016) in making—
- Monoazo dyes for leather, particularly chrome leather

4-Ethylbetahydroxyethylaminoanilin

Dye

Starting point (Brit. 447905, 447906, and 448016) in making—
- Monoazo dyes for leather, particularly chrome leather

1-Methylamino-4-betahydroxyethylaminoanthraquinone

Textile

Dyestuff (Brit. 447090 and 447037) for imparting—
- Deep-blue shades to acetate rayon, either by dyeing or printing

Methylgammaphenoxypropyllauramide

Chemical

Starting point (Brit. 443902) in making—
- Sulphonated sodium salts, stable to calcium chloride and acids, which are used as scouring agents for raw wool

Methylgammaphenoxypropylstearamide

Chemical

Starting point (Brit. 443902) in making—
- Sulphonated sodium salts, stable to calcium chloride and acids, which are used as scouring agents for raw wool

Heavy Chemicals

Further Advance in Copper—Black Copper Oxide Prices Withdrawn —Antimony Metal Raised—Antimony Oxide Higher—Soda Stannate, Tin Crystals and Oxide Quotations Increased

Business in the market for industrial chemicals was quiet during the week just ended. Manufacturing consumers in all quarters of the market were practicing a conservative buying policy. However, some industrial units were operating at relatively high levels for this season of the year. Non-ferrous metals and their derivatives supplied the price feature.

A sharp advance was noted in the copper metal price, the domestic price moving forward as a result of the decidedly strong tone in the foreign market, where buying for rearmament purposes pushed the price forward. So great was the fluctuation in the copper price that some sellers of certain derivatives withdrew open prices. This applied especially to black copper oxide. Blue vitriol noted a further advance. Copper carbonate was higher. Straits tin moved sharply forward, causing a rise in tin oxide, tin crystals and anhydrous tetrachloride of tin as well as in soda prices. Antimony metal was up, bringing about an advance in antimony oxide and soda antimoniate. Fluorspar continued in short supply. A good call was noted for bleaching powder. Alums were firm. Sulphuric acid demand was good at times during the week.

Settlement of the automobile strike caused a higher production level in that industry. Steel mill production was also higher. The textile trade and tanning industry were purchasing in conservative fashion. The ceramic trade was in the market for a fair amount of business. The glass as well as the paper trade noted a favorable operating ratio. Agricultural insecticides and fungicides recorded an improved interest, reflecting the near approaching of the active shipping season. Lead arsenate was firm.

Alums.—Business in commercial and iron-free sulphate continued at a good pace throughout the week just closed. Sellers reported prices ruled firm at previous levels. There was little to report in ammonia and potash alums, demand holding up fairly well and quotations ruled steady.

Ammonia, Anhydrous.—A slow demand was shown for this material again last week, sellers reported prices were decidedly firm. A substantial volume of business was reported on the books for delivery later in the year.

Ammonia, Aqua.—Business continued at an irregular pace throughout the week just closed, the call coming from routine consumers. No change was disclosed in quotations.

Ammoniac, Sal.—There was an active inquiry in this market again last week, the call originating in the battery trade and in other routine channels of consumption. Quotations ruled firm at the levels in effect previously.

Antimony.—Business in the market for the metal continued good during the week, sellers reporting a higher price at 15¾c. per pound for spot and 15½c. per pound for shipments from Laredo, Tex. Chinese materials was listed at 16½c. per pound, duty paid, for spot, and 14½c. per pound for in bond.

Antimony Oxide.—An advance was shown in the price for antimony oxide during the week just closed. The higher price could be attributed to an increase in basic costs. A substantial buying movement came from the ceramic trade.

Arsenic.—Demand for white arsenic continued good throughout the week just closed. Prices were decidedly firm. There was little to report in the market for red arsenic, the call being confined to small quantities, and quotations ruled unchanged.

Barium Salts.—The market for chloride continued quiet during the week. Sellers were asking previous prices. The call for carbonate as well as for hydrate and nitrate was confined to small quantities. No change was disclosed in quotations.

Bleaching Powder.—Shipments were moving out at a consistent pace during the week just ended. A decidedly firm tone ruled the dealings. Sellers were reported to have a good amount of business on the books for forward delivery.

Blue Vitriol.—An advance of 25c. per 100 pounds was made in prices for this material, sellers listing $5.35 to $6.05 per 100 pounds, according to quantity. Increase in prices could be traced to a sharp rise in the basic metal.

Calcium Acetate.—A firm tone ruled in this market again last week, sellers were asking the price in effect previously. Demand was good.

Calcium Chloride.—There was little change in this market, shipments were moving out in good volume during the week, and the volume of business on the books assured the continuance of a steady to firm price tone.

Copper.—The local market for electrolytic copper noted a price of 15c. per pound, delivered Connecticut Valley base. The sharp rise in prices abroad was a prime factor in bringing about an advance here. Copper abroad sold above 17c. per pound, the highest price on record in seven years. The heavy buying in foreign markets was said to be caused by the British government purchases for rearmament purposes.

Copperas.—Business continued on a broad scale in this market during the week just closed. Demand was equivalent to stocks on hand, resulting in a decidedly strong tone. However, the open price schedule was unchanged.

Copper Salts.—Prices for black copper oxide have been withdrawn, the wide fluctuations in the basic metal bringing about the withdrawal. Red copper oxide prices were nominal, and carbonate of copper was higher.

Feldspar.—Demand continued active throughout the period under review, sellers reporting prices were firm. The major portion of interest came from the ceramic industry. The total value of products of the crude feldspar industry in 1935 was $768,709.

Fluorspar.—A heavy demand continued in evidence for this product, the call comng from the steel and pottery trades, and prices were nominal. The nominal position of prices could be explained by the short supply.

Nickel Salt.—A good volume of business was transacted in this market again last week, the plating trade was withdrawing material at a pace indicative of a high rate of production in the industries consuming the finishing products. No change was disclosed in prices.

Potash Carbonate.—This market offered little change from recent weeks, the call holding up fairly well and prices were well maintained at the levels in force previously.

Potash Caustic.—Soap manufacturers and other usual consumers were taking fair-sized quantites during the week. A firm tone governed the dealings.

Potash Chlorate.—Match manufacturers were placing a fair volume of business in this market again last week. Quotations were well held.

Potash Permanganate.—A steady to firm tone ruled the dealings in this

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, 1½c. per lb.
oxide, 1¼c. per lb.
Blue vitriol, 25c. per 100 lbs.
Copper carbonate, ½c. per lb.
metal, 1c. per lb.
Soda antimoniate, ½c. per lb.
stannate, ½c. per lb.
Tin, crystals, ½c. per lb.
oxide, 3c. per lb.
tetrachloride, anhydrous, 1c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.0	**153.9**	**153.9**	**153.3**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	**99.4**	**99.4**	**99.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

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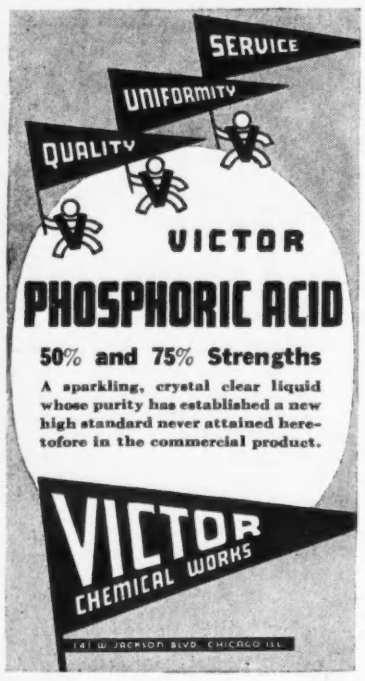
direction again last week, shipments were moving forward against contracts at a consistent pace.

Saltcake.—A good call was reported for this product, the textile trade as well as the paper and glass trades were furnishing the interest. Prices were firm at previous levels.

Soda Antimoniate.—An advance in price was reported here last week, the higher price resulting from increase in basic costs. Sellers were listing 15c. to 15½c. per pound, according to quantity.

Soda Ash.—A substantial amount of business was transacted in this market for routine account during the week. A steady to firm tone was noted in the price structure.

Soda, Caustic. — Demand continued good throughout the week. Shipments indicated that some consuming industries were operating at a relatively high level. Prices were without change.



Soda Phosphate. — This market offered little change during the week, the call for both di and tribasic soda phosphate holding up well. No change was disclosed in quotations.

Soda Silicate. — Buying by the corrugated paper box trade and other usual consumers held up well throughout the week. Prices were well held.

Soda Silicofluoride. — A good volume of business was transacted in this direction again last week, the ceramic industry and laundry trade furnished the major portion of interest. No change occurred in quotations.

Soda Stannate. — A sharp advance was shown in this product as a result of an increase in Straits tin. Demand continued good.

Tin Salts. — A sharp advance was noted in tin crystals, anhydrous tetrachloride of tin and tin oxide, under the influence of an increase in Straits tin price. The February issue of the International Tin Research and Development Council's bulletin contains detailed statistics of the production and consumption of tin for the year 1936. Reports the world production increased by 22.2 percent in 1936 to a total of 171,888 tons against 140,652 tons in 1935 and is the highest since 1929 when an output of 186,986 tons was recorded. The countries participating in the Control Agreement produced 90.8 percent of the world's tin in 1936 against 88.9 percent in 1935. The output of tin in British Malaya increased by 45.4 percent in 1936 to 66,806 tons and Malaya's share in world production increased from 32.7 percent in 1935 to 38.9 percent in 1936. The world apparent consumption of tin increased by 10.3 percent from 142,478 tons in 1935 to 157,182 tons in 1936. In the United States there was an increase of over 21 percent to 75,643 tons, this figure representing 48 percent of the world's total consumption. In the United Kingdom, although the increase was only 2 percent, the consumption of 21,860 tons in 1936 was the highest recorded since 1930. A new record of 9,388 tons was reached in Russia, representing an increase of 28.4 percent over the figure for 1935. The Japanese consumption of imported and home produced tin in 1936 totalled 6,411 tons and is the highest on record for that country. Records were also attained in some of the smaller consuming countries including Belgium with 1,580 tons, Poland, 1,322 tons and Denmark, 690 tons.

Substantial percentage increases in tin consumption are shown for France, 18.7 percent, Czechoslovakia, 31.9 percent, and Switzerland, 10.8 percent. The chief decreases were in Germany where consumption fell by 18.8 percent, in India, 8.8 percent, and in Sweden, 13.7 percent. A record world total of 3,779,000 tons of tinplate is given for the year 1936, showing an increase of 20 percent over the 1935 total of 3,144,000 tons. Approximately 61,000 tons of tin were used in the tinplate industry in 1936 and 96,400 tons in all other industries. The world output of motor vehicles increased by 13 percent from 5,124,000 in 1935 to 5,798,000 in 1936. During January, 1937, the world visible stocks of tin increased by 2,227 tons to 24,922 tons, equivalent to 16 percent of the current annual rate of consumption, against a corresponding ratio in January, 1936, of 11.1 percent. The average cash price of standard tin in January, 1937, was sterling £229 9s. 11d. The consumption statistics indicate that there was very little change in consumers' stocks during 1936.

Acids

Business in the market for acids continued highly irregular during the week just closed. Consumers in all quarters of the market were ordering out supplies for nearby production wants only, but the price structure remained steady to firm. Sulphuric acid demand reflected a favorable operating ratio in some consuming industries, particularly the steel trade, the ratio of production in that trade having been raised to 83 percent of capacity from 82½ percent in the previous period. Muriatic acid was firm. Oxalic acid noted a favorable demand. There was little to report in battery acid, demand being strictly routine. Boric acid held firm.

Acetic.—Demand continued good during the week. Prices were decidedly firm.

Battery.—This market continued to note a good call throughout the week. Quotations were steady to firm.

Boric.—Another quiet week was reported in this market, contract withdrawals held up well, and no change was uncovered in quotations.

Chromic.—An active inquiry was reported for this materal again last week, sellers reporting the presence of a firm tone.

Formic.—A substantial call was noted in this direction again last week; the market displayed a firm tone. Buying came from routine sources.

Lactic.—This situation was much the same as in the preceding period, the call from the tanning trade was irregular, but a steady to firm tone governed the dealings.

Muriatic.—A firm tone was prominent in this direction again last week, although demand lacked improvement, for consumers continued to adhere to a conservative buying policy. Prices were unaltered.

Nitric.—Important developments were lacking in this direction again last week. The call, however, maintained a good pace. A firm tone was in evidence.

Oxalic.—A firm tone was a prominent factor in this direction again last week, shipments against contracts held up satisfactorily. Prices were unaltered.

Sulphuric.—The mixed character of production schedules in consuming industries gave this market an irregular appearance, from a demand standpoint, consumers being inclined to purchase for immediate wants only. No change was disclosed in quotations. The steel industry was operating at 83 percent of capacity, against 82½ percent in the preceding period.

Baltimore, Feb. 24.—Although the quotations on sulphuric acid are unchanged from what they have been nominally for months, the market is much firmer, and producers, when asked for tenders, name prices which potential buyers cannot well accept, this method being adopted to prevent offers from coming in. The producers have so much business that they are actually unable to take on any more commitments, and they use the plan of putting out inordinate quotations to halt new demands upon them. This situation, it is said, will not undergo a change until the productive capacity for acid is materially increased, which event is expected to happen about May 1. Consequently, while the nominal figures on acid stand at $12 per ton for 60 degree and at $15 per ton for 66-degree acid, there is actually no acid to be had at this level. No scarcity of acid-making materials prevails, and the present state of affairs is entirely a matter of inadequate productive capacity. No trading of moment is to be reported, the regular users having been provided for under contracts placed about last December covering the ensuing year. New consumers, consequently, may be expected to have a hard time providing for their needs. Much the same condition is to be noted with respect to oleum, which is quoted at $16.98 per ton for 20 percent stocks. Receipts of pyrites are large enough to keep the acid-makers going.

Sulphur Production Up 23 Percent in 1936

Production of sulphur in the United States in 1936 amounted to 2,015,231 long tons, compared with 1,632,590 tons in 1935, and shipments increased from 1,634,990 tons, valued at approximately $29,300,000 in 1935 to 1,967,713 tons, valued at $35,400,000 in 1936. The 3,100,000 tons at the mines, December 31, 1935, remained unchanged at the close of 1936.

Production was reported from California, Louisiana, Texas, and Utah. Texas increased its production 37 percent in 1936 with an output of 1,723,292 long tons; shipments increased 20 percent to 1,630,719 tons. The properties contributing to the production were those of the Duval Texas Sulphur Company, at Boling Dome; Freeport Sulphur Company, at Freeport; and the Texas Gulf Sulphur Company, at Long Point Dome, Big Hill Dome, and Boling Dome. Louisiana's output decreased from 373,283 tons in 1935 to 288,099 tons in 1936, but shipments increased from 275,747 tons in 1935 to 333,475 tons in 1936. California and Utah produced 3,840 tons in 1936 compared with 5,493 in 1935.

Imports of sulphur ore in 1936 totaled 530 tons, compared with 1,763 tons in 1935, all coming from Chile. Exports in 1936 totaled 547,000 tons compared with 5,402,383 tons in 1935.

Insecticides

Business in the market for agricultural insecticides and fungicides continued fairly good, with further broadening in demand for certain articles expected because of the near approach of the active season. Prices for lead arsenate were firm. A small but growing market exists in Guatemala for agricultural insecticides, household insecticides and sprays, and cattle dip, imports having increased from 40 tons in 1934 to 52 in 1935. Occasionally there is an attempt made to produce a crude oil spray, one of which is on the market at the present time, but so far the quality of these products has not been sufficiently high to compete with the imported article. Agricultural insecticides and plant sprays are used to combat insect pests and mold which attack the coffee leaf, flower or fruit, and for spraying banana plantations. The extent of their use is naturally dependent upon the appearance of these pests. For years the corn, beans, rice, cotton and other smaller crops of the country have been subject to periodic and highly destructive attacks by locusts, and the Guatemalan Department of Agriculture co-operates with farmers in waging war on these pests. A good share of this business goes to United States products, although Germany also sells an insecticide which is used to destroy locusts and a type of ant which attacks growing crops. Household insecticides are largely limited to sprays for the destruction of mosquitos, flies, and ants, and approximately 70 percent of them come from the United States. Creosote disinfectants are used for mopping tile floors, and are imported chiefly from England, though the United States and Germany also get a share of the business. Cattle dip is used to a limited extent. A large part of the country's livestock is owned by small farmers and stockmen who are not in a position to give scientific care to their stock, according to the assistant trade commissioner at Guatemala.

Bordeaux Mixture. — Demand was quiet during the week. Prices were well held.

Calcium Arsenate. — Business in this market was fairly good, the call concerning forward shipments. Prices were well sustained.

Lead Arsenate. — A decidedly firm tone prevailed in this market again last week, sellers holding to the higher levels established recently. Inquiry was good.

Lime Sulphur Solution. — Interest in this market was moderate. Quotations displayed a firm tone.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

If you have any commercial interest in the chemicals we manufacture and you require information pertaining to them, we offer our services on a confidential basis. Our many years of intensive and practical study have given us knowledge which is available to anyone who has a definite and proper use for it.

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Phosphorus and phosphorus products. Sodium chlorate.
Potassium perchlorate. Oxalic acid

Chemical Import Quota Limits Set by Greece

(Continued from page 5)

Group C—Products subject to quantitative quotas and which may be imported from any country.

Tariff No.	Products.	Semi-annual quota (kilos).
159 a/3, 3 bis.	Sulphuric acid	40,000
159 a/6, 6 bis.	Nitric acid	8,000
159 a/12, 12 bis	Hydrochloric acid	4,000
159 c/3, 4	Sodium and magnesium sulphate	8,000
159 g/3	Sodium silicate	24,000
159 g/6	Naphthalene	200,000
159 g/13	Hydrogen peroxide	4,000
160 c/2-6, 8, 9	Glues, except dextrine and casein	24,000
160 d/1-4	Inks and ink powders	61,600
161 d/6	Medicinal ampoules except those of proprietary medicines	800
161 d/10	Cocoa butter	30,000
163 a-e, g	Essential oils, except anise	3,600
167 b-f, i	Dyeing substances, vegetable or animal	5,000
171	Paints	54,000
172, 173, 174	Polishes, varnishes, painters' paints	40,000

Group D—Products imported on the basis of special import permits from the appropriate Greek Ministry.

Tariff No.	Product.
24 a	Alcohol.
57 g	Sulphur (during 1937 sulphur may be imported only by the Agricultural Bank of Greece).
159 a/8	Acetic acid, pure.
159 c/1, 1 bis.	Copper sulphate and copper preparations for vines.
159 c/8	Aluminum sulphate.
159 g/19	Sodium arsenate.
161 a-d/1-5, 7-9, 11, 12	Drugs and pharmaceutical products, for which a permit from the Bank of Greece is required (see also group A).
167 g bis	Decoloring vegetable carbon.

Group F—Products subject to quantitative or exchange quotas, which may be imported on a barter basis. However, imports of these products from the United States are exempt from barter but may be imported within the global semi-annual quota of 36,000,000 drachmas (about $324,000) provided for American products in groups B, F and G.

Tariff No.	Product.
159 g/9	Chromates.
160 b	Calcium carbide.
164-165	Perfumes and toilet preparations, including tooth powders and elixirs.
169-170	Coaltar and sulphur dyes.

Group G—Products subject to quota, which may be imported in excess of quotas if exchanged for Greek products. Such excess quota imports from the United States are permitted within the 36,000,000 drachmas (about $324,000) allotment for American products in groups B, F and G.

Tariff No.	Product.	Semi-annual quota (kilos).
160 c/1	Dextrine	250,000
167 a/1	Natural indigo	8,000

Group H—Products, the importation of which is prohibited.

Tariff No.	Product.
24 b	Wine lees (grape-residue brandy).
159 f/10	Oil from grape skins (euile de marc des raisins)

N.Y.P.V.L.A. to Dine, Dance at Its Jubilee

The New York Paint, Varnish & Lacquer Association is making elaborate preparations for its "Ladies Night" dinner-dance and fiftieth anniversary celebration to be held, April 7, in the grand ballroom of the Waldorf-Astoria, this city. The management of the Waldorf will set aside the forty-ninth street entrance of the hotel for the sole use of the members of the association and their guests. The famed Oscar of the Waldorf already has selected a tempting dinner menu and a nationally known orchestra will provide the music. As usual there will be souvenirs for the ladies. Officers of the national and all local associations will be guests. Tickets will be priced at $7.50 per person and reservations can be made at the office of the association, 360 Furman street, Brooklyn.

Innis, Speiden Elects Mackelcan Secretary

H. G. Mackelcan was elected secretary of Innis, Speiden & Co., this city, directors, to succeed C. L. Speiden, who

H. G. Mackelcan

at a recent meeting of the board of resigned from the company at the time.

Mr. Mackelcan has been associated with the company for 29 years, joining the organization as a junior clerk on his graduation from the East Orange High School. Since that time he has served the company in almost every capacity, and in 1926 became general sales manager, and in 1927 was made vice-president in charge of sales.

Drug-Chemical Dinner Reservations at 1,700

Seventeen hundred representatives of the drug and chemical industries will be present at the twelfth annual dinner, on March 4 in the Waldorf-Astoria, this city. The affair is sponsored by the drug, Chemical and Allied Trades section of the New York Board of Trade, Joseph A. Huisking, of Charles L. Huisking & Co., chairman.

The toastmaster will be A. Kiefer Mayer, of the Kiefer-Stewart Company, wholesale druggist, and the guest speaker will be John J. Bennett, Jr., Attorney General for the State of New York. The pre-dinner social period begins at six o'clock and dinner will be served promptly at seven thirty. Speeches will be short and an evening of entertainment by prominent radio and screen stars has been arranged. Late comers should make reservations to Ray C. Schlotterer, secretary of the section, 41 Park Row, this city.

General Printing Ink Corporation has called a special meeting of stockholders for March 3 to vote on a four-for-one split-up in common stock.

T.G.A. Asks Magazines To Join in Tax Fight

Beauty editors of leading consumer magazines met with officers and the legislative committee of the Toilet Goods Association at the Hotel Biltmore, this city, February 23 to discuss the current efforts being made to eliminate the 10 percent Federal excise tax on cosmetics and toilet articles. H. T. Brooks, president of the association, characterized the tax as discriminatory and unfair to the industry, in view of the fact that a similar tax on jewelry has been removed and the levy on furs has recently been reduced from 10 percent to 3 percent. The beauty editors were asked to inform consumers that toiletry manufacturers cannot afford to absorb the excise tax and that, unless it is removed, either prices will be increased or the quality of cosmetics will suffer.

The conference was attended by Mrs. William Dick Sporborg, chairman of the legislative committee of the Federated Women's Clubs of America, composed of some 14,000 women's clubs with a total membership of approximately 2,250,000 women.

Aromatics Products, Inc., in the current issue of its publication, "Aromatic Lab-Scents," pictures the corporation's executive officers and scientific staff, and parts of the manufacturing plant, and presents an amusing cartoon strip featuring the antics of Dr. Drip and Mr. Drop.

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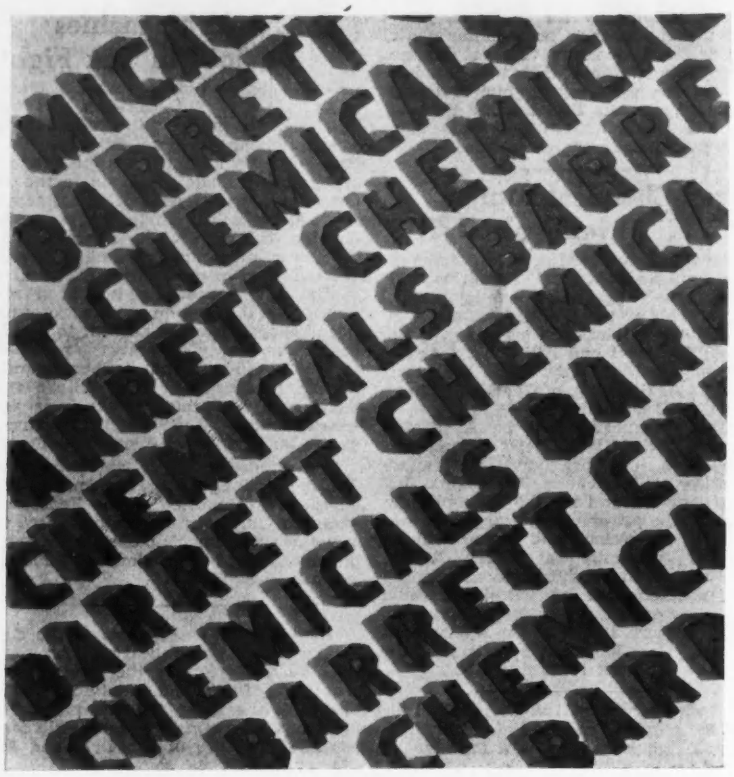

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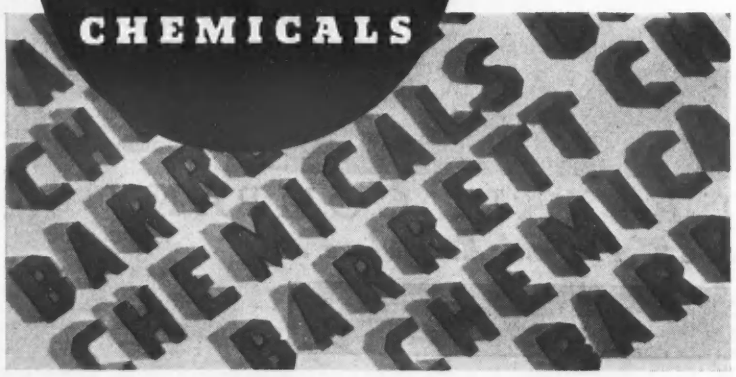

Coaltar Chemicals

Benzol Demand Active—Crude Naphthalene Quiet—Toluol Buying Improved—Solvent Naphtha and Xylol Firm—Betanaphthol Demand Good—Creosote Oil Steady—Fair Call for Colors

The market for coaltar chemicals noted an active demand during the week just closed. Benzol buying was slightly improved. Toluol and solvent naphtha demand continued equivalent to production. Naphthalene was quiet. Cresylic acid was in short supply. Coaltar intermediates and colors recorded an irregular call.

Some improvement was shown in the buying of benzol, the rubber tire manufacturers were operating at a relatively high level, for a good demand was noted for their finished products as a result of the high level of production schedules in the automobile industry. Reports from the automobile industry continued to tell of the further improvement in production since the settlement of the labor strike. Toluol demand was good. Solvent naphtha and xylol continued firm. Crude naphthalene was quiet, consumers having previously booked substantial quantities. Naphthalene refiners were making plans for their active shipping season. Cresylic acid shortage continued unrelieved, but no change was noted in quotations. However, a decidedly strong tone was in evidence. Phenol buying was good. Creosote oil continued steady. Tar acid oils and cresol were firm. Betanaphthol demand was good. Colors were steady.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Naphthalene, 5c. per 100 lbs.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
123.1	123.1	123.1	125.4

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—A good demand was reported for this product again last week. sellers reported quotations were decidedly firm. The rubber tire manufacturers were ordering out substantial quantities, the operations of that industry were at a high level. Chemical processors were ordering out fair quantities. The call from other routine directions was termed fair. Steel mill operations were listed at 83 percent of capacity, a slight gain over the preceding period. Reports stated that the mills have a substantial backlog of orders on the books.

Carbazole.—There was little to report in this market again last week, demand was highly irregular and prices ruled unchanged.

Cresol.—A good call was noted for this material during the week just closed. A firm tone governed the dealings, the taking being equivalent to actual production.

Creosote Oil.—Shipments were moving forward to the public utility companies and the major railroad companies at a fair pace, and prices continued firm at the levels in force previously. A good volume of business was on the books for forward delivery.

Cresylic Acid.—This market continued to experience a shortage in supplies, the call from the synthetic resin industry and other routine consumers far in excess of stocks on hand. Reports from abroad continued to tell of the strong tone in the dealings. The market continued in a normal price position.

Naphthalene.—Sellers reported prices were around $2.80 per 100 pounds, the market was said to be quiet. Refiners were making plans for active season for their product, demand for which usually gets under way in late March or early April.

Phenol.—A good demand was reported for this material again last week, the synthetic resin industry, together with the pharmaceutical as well as the petroleum trades and intermediate dyestuff manufacturers were supplying the call. Quotations ruled unchanged.

Solvent Naphtha.—A broad demand was noted for industrial water white solvent naphtha throughout the week. Prices were firm. The call for high flash naphtha was fair. No change was disclosed in quotations.

Tar Acid Oil.—There was an active inquiry for this product, the balance between production and consumption resulting in the market having a decidedly firm tone.

Toluol.—A good demand was reported for this article again last week. Reports from the automobile industry indicating that production schedules were being broadened. The market recorded a decidedly strong tone.

Xylol.—This market was much the same as in the preceding period, demand was good and quotations held unchanged.

Chicago Coaltar Bases

CHICAGO, Feb. 25.—The coaltar bases are slow in a market way, with orders for material of a routine nature. Toluol business is reported to have been in rather good demand lately. Benzol has been marking time, with inquiries reaching fair totals. Most buying is for early shipment. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 43c.

Coaltar Acids

Anthranilic.—Business continued fair here throughout the week. No change was disclosed in quotations.

Benzoic.—This market was much the same as in the preceding period, the call being confined to actual wants and prices were without change.

Gamma.—A fair buying movement was shown for this product at times during the week. No change was uncovered in the quotations.

Picric.—An active inquiry was reported for this merchandise, sellers reporting prices continued firm.

Malic.—New developments failed to materialize in this market, the call was strictly a routine affair, and prices were well maintained.

Salicylic.—Demand from the textile industry and other usual sources of consumption was considered good during the week. Prices ruled unchanged.

Tobias.—A fair amount of business was noted in this direction, sellers reported prices were well maintained.

Other Intermediates

Alphanaphthol.—This market offered little change from recent weeks, in that demand was fair and a steady tone governed the dealings.

Anilin Oil.—A steady to firm tone prevailed in this direction throughout the week, under review, and shipments were moving against contracts at a consistent pace.

Betanaphthol.—A heavy demand was reported for this material during the week, the shipments were moving out to the extent of full contract allotments, and a firm tone was a prominent factor in the dealings.

Benzidin Base.—Although the market was a rather drab affair again last week from a demand standpoint, sellers reported quotations were steady to firm.

Dianisidin.—This market moved through a quiet week, sellers reporting quotations were unchanged.

Dinitrobenzene.—A fairly active buying movement was reported in this market again last week. Prices ruled steady to firm.

Metatoluylenediamine.—Another slow week was recorded in this direction. The dull character of demand failed to have an influence on the market pricewise.

Nitrobenzene.—This market offered little betterment over recent weeks, demand was holding fairly well and quotations were in conformity with the schedule in effect previously.

Orthochloranilin.—Quiet prevailed in this direction again last week, sellers reported prices were well sustained.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Orthtoluidin.—A fair inquiry was reported at intervals during the week. No change was uncovered in quotations.

Phthalic Anhydride.—A good buying movement was shown for this material again last week. Prices ruled firm.

Coaltar Colors

The market for coaltar colors noted a highly irregular demand during the week just closed. Prices were steady to firm. Reports from the cotton cloth industry stated that total sales were doubtless well below production. However, mill activity was maintained on the basis of the large volume of business on the books. Imports of coaltar dyes into the United States, in 1936 totaled 3,518,831 pounds, valued at $5,150,840, according to the United States Tariff Commission, compared with 3,638,177 pounds, valued at $5,489,547. in 1935. In 1936 Germany supplied 49 percent and Switzerland 47 percent of the incoming shipments. During the first eleven months of 1936 imports into Sweden of aniline dyes from all countries amounted to 1,766,748 kilos against 1,551,881 kilos during the corresponding period of 1935.

National Lead Income Up 37 Percent in 1936

The National Lead Company reports for the year 1936, consolidated net income of $7,232,530 after depreciation, depletion and taxes, equal after preferred dividends to $1.71 a share on 3,095,100 common shares of $10 par, against $5,261,390 or $1.08 a share on the same number of common shares in 1935 year. While final figures are not yet in, the company's equity in undivided profits or losses in foreign subsidiaries or controlled companies not wholly owned is estimated to be 12 cents a share on its common stock. Earnings of the two German companies are not included in this estimate.

Sales for 1936 amounted to $78,764,590, compared with $66,559,197 in 1935. The consolidated balance sheet as of December 31 shows current assets of $42,543,957, against $39,612,391 for the prevous year; current liabilities, $8,109,403, compared with $5,048,607; cash, $4,517,638, against $3,536,153; U. S. Government securities, $1,147,888, against $1,147,888, and inventories, $20,781,131, against $20,038,590.

Coincident with the announcement, F. M. Carter, president of the company, made public details of a new pension plan for all employees, arranged for under contract with the Metropolitan Life Insurance Company. The plan supplements Federal social security by recognition of service prior to January 1, 1937, and for compensation exceeding $3,000 a year.

Packard Paint Products, Inc., has been organized to manufacture paint products in Charlotte, N. C. E. I. Sinkoe is president of the organization and A. Levy is secretary-treasurer. H. P. Grennells is plant superintendent.

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Valonia Lower—Other Tanning Materials Unchanged—Zinc Dust Continues Firm—Antimony Salt Steadier—Better Interest Shown in Egg Products—Dyestuffs Quiet

Business in the market for dyestuffs and tanstuffs was highly irregular during the week just closed. Manufacturing consumers in all quarters were purchasing in a conservative manner, reflecting the month-end. Despite the effort to hold purchases to actual production requirements, the volume of business transacted exceeded the same period a year ago. A slight revision in valonia supplied the change in the market pricewise.

Reports coming from reliable Washington sources had it that the Agricultural Adjustment Administration had definitely decided not to outline a detailed egg drying program for domestic interests, feeling that the purchases of shell eggs for relief purposes would more than serve as a method for raising prices for shell eggs. A total of 7,527,540 dozen eggs, up until February 20, has been purchased by the AAA. As a result of this development a firmer tone was noted for imported egg products. Bichromates were firm. Aside from a slight downward revision in valonia, prices for the tanning materials were steady to firm. Dyestuffs were steady. Synthetic indigo was in good demand. Zinc dust held firm, reflecting the firmness in the basic product.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Valonia, 50c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.8	152.8	152.8	152.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A good demand was reported in this market during the week just closed. Usual consumers supplied the call. Prices were firm at previous levels.

Antimony Salt.—A firmer tone was in evidence for this material during the week just closed, the firmer tone could be attributed to an improved position of the basic product. No change was uncovered in quotations.

Potash Bichromate. — A decidedly firm tone was apparent in this direction during the week under review. Shipments were moving forward in a consistent manner. No change was disclosed in quotations.

Potash Prussiate.—An active inquiry was reported in the market for red prussiate and prices were unaltered. There was little to report in the market for yellow prussiate, demand was good and quotations held unaltered.

Soda Bichromate. — A substantial amount of business was noted in this market again last week. Manufacturing consumers were ordering out supplies commensurate with actual production requirements. No change was disclosed in the price structure.

Zinc Dust.—A fair demand was reported for this product again last week. Quotations were unchanged although a firm tone was in prominence under the influence of the firmness in the basic metal.

Dyestuffs

Annatto.—A slow demand was reported for this material but prices for paste and seed annatto continued unchanged.

Archil.—Buying here continued irregular during the week. No change was uncovered in the price structure, a firm tone being noted.

Cochineal.—Business in the market for Teneriffe silver and gray cochineal continued spotty. Prices ruled unchanged.

Fustic.—This market presented little variation from recent weeks, the call being confined to actual wants. Quotations were steady to firm.

Indigo.—A good inquiry was reported for synthetic indigo, the call indicating that a high level of operations was noted in consuming quarters, prices were well maintained. There was little to report in the natural product, demand was spotty and quotations were firm.

Madder, Dutch.—This market continued to experience a good demand throughout the week. Prices ruled unchanged.

Sizing Materials

Albumen.—A firmer tone was noted in the market for edible egg albumen, the firmer tone could be attributed to the developments at Washington. It was understood from Washington sources that a detailed egg drying program for domestic producers, under the sponsorship of the Agricultural Adjustment Administration, would not be outlined at this time, for it is felt, these sources point out, that the purchases of shell eggs for those on relief would be a more definite, not to say less complicated, step in bringing about a rise in prices for shell eggs.

Dextrin.—A firm tone prevailed in this market again last week. Prices were unchanged. Consumers were covering for actual wants only.

Egg Yolk.—Demand was improved and prices were slightly firmer on the basis of the favorable reports coming out of Washington regarding the relinquishment by the AAA of a plan looking toward the outlining of domestic egg drying program.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. March whole mixed futures closed on Friday at 18.50c. to 19.15c.; April 18.50c. to 19.25c.; May 20.00c. Nom.

Virtually 60 percent of the surplus eggs arriving at three principal eastern markets were purchased by the Agricultural Adjustment Administration during the first month of its emergency surplus egg removal program, it was announced today. It was pointed out that the purchases have been very small in relation to total egg receipts, since the surplus which has been disturbing the market is itself a relatively small quantity. The program went into effect January 15 to prevent a continuation of the abnormally sharp decline in winter farm egg prices resulting from stimulation of production by extremely mild weather conditions. From the start of the program to February 17, the AAA purchases on the New York, Philadelphia and Chicago markets amounted to 59.8 percent of the excess receipts at those markets over the receipts for the same period a year ago. A total of 250,918 cases, or 7,527,540 dozens of eggs, had been purchased in the program by the close of the business day on February 20. This involved an expenditure of approximately $1,807,000. The eggs purchased are turned over to the Federal Surplus Commodities Corporation for distribution to the States for the use of the needy and unemployed.

Starch.—Demand continued good. A firm tone governed the dealings throughout the week.

Tanning Materials

Divi-Divi.—Demand continued quiet. Prices were nominal, for supplies were small.

Gambier.—A good call was shown for Singapore cubes and plantation gambier, prices were firm. The call for common gambier was fairly active,

(Continued on page 63)

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Paint, Varnish, Lacquer Materials

Dry White Lead Prices Advanced 1c. Per Pound—Carbonate and Sulphate Pigments Raised Twice Within Week—Oxides Also Raised as Lead Reaches 7c. Per Pound

Dry white lead prices advanced a full cent per pound last week for the sharpest movement in the market in any one week within recent years. Prices advanced a half-cent Tuesday and another half-cent Thursday. The continued advance of metallic lead values, the latest of which occurred Thursday, raised the prices for the derivative oxides, including red lead, litharge and orange mineral. Prices for lead, carbonate and the sulphates of the metal, oxides and lead-in-oil were now 1 cent per pound higher than they were in the fore part of the preceding week. Keg prices for white lead-in-oil were advanced February 20 to become effective March 1, but the metal market went higher in the meantime.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Flake white, 1c. per lb.
Gum, copal, Pontianak, chips, ⅝c. to ⅞c. per lb.
nubs, ⅝c. per lb.
dammar, Singapore, Nos. 1, 2, ⅜c. per lb.
Lead, red, ½c. per lb.
white, 1c. per lb.
Litharge, ½c. per lb.
Orange mineral, ½c. per lb.
Woodflour, dom., $1 per ton.

Reduced

Casein, dom., ¼c. per lb.
Rosin, 25c. to 50c. per 280 lbs.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
133.9	**132.7**	**132.7**	**130.0**

Market news that may have developed after this report was sent to press will be found on page 4.

while and lead-in-oil prices advanced again. Lead-titanate was the only lead pigment that did not move with the market last week. C.p. chrome yellow was in a very strong position as a result of the metal rise and there was talk of an early rise of prices among the sellers.

Other price movements during the week included advances in a few gradings of gum in the Pontianak copal group and higher prices on No. 1 and No. 2 Singapore dammar gum. Flake white was higher on the lead rise. Casein prices turned in an off direction. Metallic lead paste went up also. Prices named by a leading domestic supplier of woodflour were higher than those previously in force.

Manufacturers of stearate indicated that new contracts would be offered to the trade later in the month and in all probability the prices on the agreements for the second quarter of the year will be higher than those now in force.

A steady or firm undertone prevailed in Southern and local markets for naval stores and changes in rosin and turpentine prices were generally moderate. Business continued along conservative lines, consumers still being disinclined to purchase ahead. There were reports of further sales of rosin for export to Far Eastern buyers, the improvement in demand from that source recently being attributed to an impending advance in ocean freight rates. Receipts were larger than expected.

Metallic Lead and Zinc

A sensational speculatory rise in nonferrous metal prices in London was responsible for a record price increase in the market here Thursday when prices advanced ½c. per pound. The market was raised to 6.85c. per pound at East St. Louis and 7c. to 7.05c. per pound at New York, according to seller. At Thursday's advance, the market was a full cent over the price in force on the preceding Wednesday and the current price was the highest since 1929 when lead sold at 8c. per pound. The speculative demand for the metal started some 10 days ago when the British Government announced its intended expenditure of $7,500,000,000 for armaments over the next five years. Speculators bought all metal in sight and the price in London crossed the £31 mark with an increase of £1 2s 6d in a single day. The London market continued higher on Friday and prices in all selling points were exceptionally firm. Prior to the domestic advance, sellers were offering for February and March position but one seller open books for April on Friday; others will probably take April orders today. Lead purchases were heavy, the demand abroad was enormous as traders on the London Metal Exchange experienced their busiest days since the feverish buying of the war days.

The sellers of zinc were more conservative in their views of the market and prices were held at the 6.80c. per pound level established a week ago. The London market was strong but the prices abroad were held within relatively narrow fluctuations. Zinc was selling far forward at the current prices and the trade's purchases were more or less conservative last week.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 20 to February 26, inclusive, were as follows:—

	Pigs			
	Per pound		Spot, London, Per ton	
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0650@.0655	$0.0635	..	..	..
Monday	*.....@.....	*.....	30	5	0
Tuesday	.0650@.0655	.0635	30	0	0
Wednesday	.0650@.0655	.0635	30	10	0
Thursday	.0700@.0705	.0685	31	12	6
Friday	.0700@.0705	.0685	31	16	3

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from February 20 to February 26, inclusive, were as follows:—

	Slabs				
	Per pound		Spot, London, Per ton		
	New York.	E. St. Louis.	£	s.	d.
Saturday	$0.0715	$0.0680	..	..	..
Monday	*.....	*.....	29	17	6
Tuesday	.0715	.0680	29	10	0
Wednesday	.0715	.0680	29	10	0
Thursday	.0715	.0680	29	17	6
Friday	.0715	.0680	29	16	3

* Holiday.

Pigments

Lead products advanced sharply as the metal rose to new heights. Dry lead carbonate and sulphate advanced a full cent per pound during the week, the most severe rise within any one week in recent years, and, lead oxides advanced ½c. per pound Thursday when the metal reached its highest prices since 1929. Coupled with the advance of ½c. a week ago, last week's rise in oxide prices placed the market at a full cent per pound over the levels that were in force prior to this writing a week ago. The white lead advances took effect on Tuesday and Thursday. Lead-in-oil prices were advanced February 20, to be effective March 1 but on Thursday of last week, the prices were advanced another half-cent before the first rise became operative. Other pigments were overshadowed by the boost in the lead products and there were no changes reported in prices for other pigments last week.

White Lead.—Dry basic carbonate advanced ½c. per pound Tuesday and another ½c. per pound Thursday, the sharpest movement in the market for some time. Car lot prices were now 8½c. per pound delivered in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming, and, 8¼c. per pound for similar quantities delivered elsewhere. L.c.l. quantities were raised to 8¾c. per pound deliveries in the aforementioned Western states and 8½c. per pound delivered elsewhere. Basic sulphate of lead was increased to a schedule that is ¾c. per pound less than the schedule for basic carbonate of lead. White lead prices have now been advanced four times since last Novem-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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ber. **Lead-in-oil** prices advanced ½c. per pound, February 20 to become effective March 1, but on Thursday of last week another ½c. per pound advance took place before the first advance became operative. Keg prices for lead-in-oil to the local trade were now as follows: 1,000 pound lots, 11¾c. per pound; 500 pounds, 12c.; smaller lots 13c. per pound.

Red Lead.—Car lot and smaller quantity prices advanced another ½c. per pound, Thursday, marking the second such advance in as many weeks. Car lot quotations were now as follows:—95 percent or less Pb_3O_4, 9½c. to 9¾c. per pound, according to delivery point; 5 ton lots, delivered, Alabama, Arkansas, California, Florida, Georgia, Louisiana, Mississippi, Oklahoma, Texas, and west of Cascade Mountains in Oregon and Washington, 10¼c. per pound; 5 ton lots, delivered, Arizona, Idaho, Nevada, Utah and east of Cascades in Oregon and Washington, 10¾c. per pound; 5 ton lots, delivered, Colorado, Montana, New Mexico and Wyoming, 10½c. per pound and 5 ton lots delivered elsewhere, 10c. per pound. Prices for 97 percent material were ¼c. per pound additional and prices for 98 percent material were ½c. per pound additional. Quantities less than 5 tons were ½c. per pound higher than the 5-ton prices. Red lead-in-oil advanced ½c. per pound in the local market to 12¼c. per pound for 100 pound kegs.

Litharge.—Metallic lead prices advanced another ½c. per pound Thursday and the schedule of prices for this derivative advanced to the basis of 8½c. to 8¾c. per pound for car lots, according to the delivery point. The remainder of the schedule for 5-ton lots and for smaller quantities was 1c. per pound below the aforementioned schedule for red lead testing 95 percent or less Pb_3O_4.

Lithopone.—The market followed along the course that had been indicated in recent weeks. There has been a noticeable broadening of volume in the week to week trading and the deliveries to the paint trade and other manufacturing consumers were quite active at this time. Prices for ordinary and high-strength pigments, as well as the titanated lithopones, continued unchanged.

Lead Titanate.—Despite the steady increase in the cost of metallic lead, the schedule of prices for this pigment compound had not been changed.

Orange Mineral.—Thursday's advance in lead prices raised the schedule for the American mineral ½c. per pound, the second such advance in as many weeks. The schedule for 5 ton lots, basis delivered, was now as follows:—Ala., Ark., Calif., Fla., Ga., La., Miss., Okla., Tex., and west of Cascade Mountains in Ore. and Wash., 12¾c. per pound; Ariz., Idaho, Nev., Utah, and east of the Cascades in Ore. and Wash., 13¼c. per pound; Colo., Mont., New Mex., and Wyo., 13c. per pound; and delivered elsewhere, 12½c. per pound. Smaller lots were ½c. per pound higher.

Zinc Oxide.—The call for shipments continued good with the tire trade and the paint manufacturing industry as leading buyers. There has been no suggestion of an advance in prices albeit the increased value of other pigments and the recent advances in the prime Western zinc market might be taken as indications of a technical improvement in the market's position.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Fillers and Extenders

Inert pigment, fillers and extenders were moving toward the outlets of manufacturing consumption in good fashion last week. A sustained rate of grinding operations in the paint manufacturing industry and a good call from the rubber products industry were combined to give the trade an appearance of activity. Price changes last week embraced flake white, which moved up with other lead products, and, domestic wood flour. The Census Bureau's report on operations in certain mining industries in 1935 showed the total value of products of the barite (barytes) industry was $1,251,000; fuller's earth industry, $2,236,759; silica industry, $1,865,000; and, the talc and ground soapstone industry, $1,204,394.

Barytes.—The domestic article held a firm position and the only change in prices was the one recently reported in the warehouse price at Chicago which was now $31.15 per ton in barrels against $30.85 per ton previously.

Flake White.—The price for this commodity advanced ½c. per pound last week, following each movement in the price of white lead. The market was now 10½c. to 11c. per pound.

Wood Flour.—A leading domestic supplier quoted the market last week at $20 per ton for the coarse or standard grinding and $25 per ton for the fine ground article, f.o.b. works. Bags or burlaps are invoiced extra.

Dry Colors

The continual rise of metallic lead prices has given considerable strength to the market for chrome yellow and from the indications in selling circles, it would not be surprising if yellow prices continued upward beyond the current levels which were established in December. The color market was quite firm under the favor of good demands from all channels of consumption.

Carbon Black.—Shipments into Akron and other rubber tire manufacturing centers continued good and the March production schedule of the tire industry appeared somewhat larger than those for the month just ended. According to representative suppliers, black sales to the rubber and ink trade for the first two months of this year were improved over the sales in the corresponding months of 1936. Prices continued unchanged.

Chrome Yellow.—Buyers were close to the market's progress as the price of pig lead continued upward. The lead market advanced ½c. to 7c. per pound last week and it was 5.20c. per pound when the present prices for yellow were established last December. C.p. yellow was in a very strong position and a price rise would not be surprising, according to sellers, even though the purchasing for the past eight weeks has been light because of the heavy purchases in the closing weeks of 1936.

Iron Blues.—As reported previously, the lower cost of prussiate prices has not been reflected in the market, which continued in an even position. The demands against contracts have been good.

Iron Oxides.—Prices continued unchanged in both the natural and synthetic groups. The demands of the market have been fairly active.

Toner Reds.—There has been no shift in the position of para, lithol, toluidin or lake C reds and the ink manufacturing industry continued to call for replacement supplies in steady fashion.

Vandyke Brown.—The price for barrel lots continued at the long standing level of 5⅝c. per pound. There were no new or important developments in the market.

Varnish Gums

Prices for natural gums continued to point in an upward direction and quotations for a few gradings in the Pontianak group advanced last week as well as No. 1 and No. 2 Singapore dammar. The advances resulted from higher asking prices in the foreign markets, which the primary suppliers attributed to the light stocks and light supplies from the interior points. The demands in the domestic market were fair, having moderated somewhat from the heavy purchasing in recent weeks when prices first commenced the present upward movement.

Copals.—Price advances last week included split Pontianak chips, which moved up ⅝c. per pound to the basis of 14⅛c. Pontianak nubs advanced ¾c. per pound to 13½c. per pound and chips were advanced ⅞c. per pound to 11⅛c. All of the aforementioned prices were for straight or mixed cars and were

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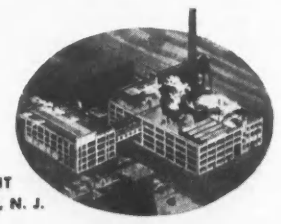

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Dammars.—The price of No. 1. Singapore grade was raised ⅜c. per pound to 18c. for straight or mixed cars and the No. 2 grading was similarly advanced to 15c. per pound. Smaller quantities were chargable extra at the usual differentials.

Synthetic Resins

The ester gum market continued in a very tight position with 11½c. per pound named as the base price for car lot quantities. The 10-drum price continued at 11¾c. per pound and smaller lots were priced at 12c. per pound. With raw material conditions still tight and with no relief from the current tight position of glycerin in sight, a continued strong market was looked for by the sellers.

Naval Stores

There was little change in the character of business in naval stores last week, either here or in the South. In the local market there were reports of a somewhat better inquiry at times, but in the absence of anything very stimulating in the way of market developments in primary centers, buyers here were disposed in many cases to limit their takings to comparatively small quantities to fill current or nearby requirements. On Wednesday sales of turpentine were officially reported at Savannah at 40½c., which compared with a quotation of 42c. at the close of the previous week. The latter figure, however, appeared to have been mainly nominal as transactions were reported to have been made privately at a lower level. Reports were also current to the effect that some business has been closed in rosin at prices somewhat lower than the quotations officially reported, but the volume of transactions apparently was not of much importance.

A report was current at one time to the effect that 2,500 barrels of government owned rosin had been disposed of out of the holdings at Pensacola. No sales of government holdings of turpentine were reported and supplies of the latter continued to be put at 80,000 barrels. The export inquiry for rosin was reported as somewhat better, and further sales were reported to Far Eastern buyers. Demand from that source recently has been stimulated to some extent by an impending advance in ocean freight rates. Export business in turpentine apparently remained at a standstill or practically so. Offerings were said to have been made to foreign consumers recently for forward delivery at comparatively low prices without finding buyers. Receipts at primary points, though not heavy, were larger than had been expected as a result of unusually mild weather in some sections. According to official statistics, gum turpentine distillers employer 27,248 wage-earners in 1935 and produced 24,850,000 gallons of turpentine and 1,647,000 barrels of rosin.

Turpentine.—The local market was a rather small affair last week. There was nothing stimulating in the way of primary developments and purchasing here was limited to unimportant quantities to fill current needs. Moderate sales to domestic buyers were reported in the South at concessions as compared with the previous week, though the latter figures were apparently nominal. Primary receipts were larger than expected.

SAVANNAH, Feb. 26.—The market for turpentine continued quiet. The undertone was steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
†Monday	..	...	...	...	.....
Tuesday	42	...	67	161	26,174
Wednesday	40½	139	83	...	26,257
Thursday	41	3	42	40	26,259
Friday	42	10	84	1,337	25,006

* Market closed. † Holiday.

JACKSONVILLE, Feb. 26.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
†Monday	..	...	...	...	.....
Tuesday	40½	90	117	375	38,942
Wednesday	40	102	27	5	38,964
Thursday	39½	122	28	..	38,892
Friday	39½	...	76	101	38,967

* Market closed. † Holiday.

PENSACOLA, Feb. 20.—Turpentine receipts were moderate. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	..	...	22,376
Tuesday	36	...	22,412
Wednesday	6	...	22,418
Thursday	..	...	22,418
Friday	24	324	22,118
Saturday	15	162	21,971

CHICAGO, Feb. 26.—Despite the fact that there is much talk circulating in the markets relative to the outlook for good consumption, current demand for turpentine is holding around relatively low levels. Prices are steady. Ruling prices at the close of business last night were:—Five-drum lots, 51c. per gallon; five wood barrels, 56c.; single drums, 54c.; single barrels, 59c.

LONDON, Feb. 26.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	41	3
Monday	41	3
Tuesday	41	3
Wednesday	41	3
Thursday	41	3
Friday	41	3

Stocks of American turpentine in London were:—

	Feb. 26.	Previous week.	Last year.
Barrels	25,118	19,296	12,044

Rosin.—The market here had a steady or firm undertone. Price movements in primary centers were generally moderate. Offerings there were rather light much of the time. Southern advices reported a fairly active export inquiry from the Far East but takings by domestic consumers were limited to moderate quanitities. Here purchasing operations were mainly of a jobbing character, local buyers being disinclined to anticipate. Weather conditions were were favorable and receipts were larger than expected.

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SAVANNAH, Feb. 26.—The rosin market had a steady tone. Offerings were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	†Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	...	$8.85	$8.50	$8.50	$8.25
D	...	...	8.85	8.85	8.85	8.65
E	...	...	9.30	9.25	9.25	8.95
F	...	...	9.90	9.85	9.85	9.50
G	...	...	9.90	9.85	9.85	9.50
H	...	...	9.90	9.85	9.85	9.50
I	...	...	9.90	9.90	9.90	9.50
K	...	...	9.90	9.90	9.90	9.65
M	...	...	9.90	9.90	9.90	9.65
N	...	...	9.90	10.00	10.00	9.75
WG	...	...	10.25	10.25	10.25	9.80
WW	...	...	12.00	12.00	12.00	11.50
X	...	...	12.00	12.00	12.00	11.50
	Barrels					
Sales	...	...	405	171	...	304
Receipts	...	...	987	591	594	162
Shipments	...	...	888	85	2,171	404
Stocks	...	...	59,929	60,435	58,858	58,196

* Market closed. † Holiday.

JACKSONVILLE, Feb. 26.—Rosin was fairly active. The tone of the market was steady. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	†Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	...	$8.50	$8.50	$8.50	$8.50
D	...	...	9.00	9.00	9.00	9.00
E	...	...	9.45	9.25	9.25	9.25
F	...	...	9.95	9.80	9.80	9.80
G	...	...	9.95	9.80	9.80	9.80
H	...	...	9.95	9.80	9.80	9.80
I	...	...	9.95	9.80	9.80	9.80
K	...	...	9.97½	9.80	9.80	9.80
M	...	...	9.97½	9.80	9.80	9.80
N	...	...	9.97½	9.80	9.80	9.80
WG	...	...	10.00	9.90	9.90	9.90
WW	...	...	11.75	11.60	11.60	11.60
X	...	...	11.75	11.60	11.60	11.60
	Barrels					
Sales	...	...	541	793	...	...
Receipts	...	...	2,298	599	551	583
Shipments	...	...	436	...	6,150	90
Stocks	...	...	53,209	53,798	48,199	48,689

* Market closed. † Holiday.

PENSACOLA, Feb. 20.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	24	104	51	51	26	15
Shipments	...	415	...	267	175	286
Stocks	22,143	21,832	21,883	21,667	21,518	21,847

CHICAGO, Feb. 26.—Offerings of rosin are not exceptionally heavy, and tone is still comparatively steady considering the light volume of buying power being exhibited. Ruling prices at the close of business last night were:—B grade, $11.50 per lot of 280 pounds; G grade, $12.90; M grade, $12.90; W.W. grade, $15.

LONDON, Feb. 26.—Quotations on American rosin were as follows:—

	Per cwt. in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	23	9	28	3
Monday	23	9	28	3
Tuesday	23	9	28	3
Wednesday	23	9	28	3
Thursday	23	9	28	3
Friday	23	9	28	3

Pine Oil.—Quotations were stationary and the tone of market appeared to steady. There was a fair demand though consumers were not inclined to anticipate.

Pitch.—The prevailing tone was firm in the absence of any material change in primary conditions. Business was reported as fairly active.

Rosin Oil.—Prices were generally held at the levels prevailing in the previous week and the tone of the market appeared to be firm. A fairly active demand for moderate quantities was noted.

Tar.—The market remained firm on the basis of previous quotations. There was a steady movement into local and outside consuming channels.

Shellac

A fair to moderate demand for shellac prevailed in the spot market during the past week. While large sales were not the general rule, there was a good sized quantity of smaller needs that tended to make for an improvement of conditions. Pricewise, the market here was steady; in London and Calcutta, lower shipment prices prevailed late in the week. Supplies abroad were ample to meet world consuming requirements. A report of the Department of Commerce, Washington, stated that the shellac market in India showed improvement during the second half of 1936. Export demand was the highest since 1934 and excellent receipts of gum from the Kusmi crop were sold rapidly. Prospects for trade in 1937 were considered bright. Factories were operating at capacity to fill orders on hand. Crop estimates for the Baisakhi crop were 760,000 maunds, compared with 640,000 in 1935, and an estimated normal of 809,000. The Katki crop estimate was 380,250 maunds as against 191,500 maunds in 1935 and a normal of 452,000 maunds. Kusmi crops during last November and December were estimated by the trade to be of almost record size, although no figures were given. Great Britain was second in the export trade, while Japan took increased quantities of shellac, which amounted to 56,000 hundredweight in contrast with 47,000 for the first 11 months of 1935. The United States was a large contributor to the increase in the export trade. For the first 11 months of 1935 and 1936 the exports were:

	Hundredweight	
	1935.	1936.
Buttonlac	24,371	27,000
Seedlac	94,640	186,794
Shellac	254,742	359,216
Sticklac	7,703	2,854

Calcutta, Feb. 26.—Prices quoted on pure T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound	
	Feb. 26.	Feb. 19.
March	11.70c.	12¼c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
February 19	12¼c
February 20	12⅛c
*February 22	.....
February 23	11⅞c
February 24	11¾c
February 25	11⅝c
February 26	11.70c

* Holiday here.

London, Feb. 26.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	February 26		February 19	
	Shillings. Cwt.	Cents. lb.	Shillings. Cwt.	Cents. lb.
March	51½	11.2	52	11.9
May	52½	11.4	53	11.5

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight	
	March.	May.
February 19	52s ..	53s ..
February 20	52s ..	53s ..
*February 22	... ..	... ..
February 23	51s 6d	52s 6d
February 24	50s 6d	52s ..
February 25	51s ..	52s ..
February 26	51s 6d	52s 6d

* Holiday here.

Lacquer Materials

Business in the market for lacquer materials continued fairly active during the week just closed. The market was featured by a modification of the schedule for certain viscosities of ester soluble nitrocellulose, the new price being effective March 1. Butyl alcohol continued firm. There was little to report in the market for acetone, demand was fair and a decidely firm tone was in evidence. Reports from the automobile industry were to the effect that an improvement had taken place in the production schedules, and indications were that further broadening was in the offing during March.

Acetone.—A good call continued in evidence for this material throughout the week. Prices were firm.

Butyl Alcohol.—A good volume of business was shown in this market during the course of the week under review, the price tone was decidedly firm.

Butyl Lactate.—Demand was fair at times during the week. The market was listed at 22½c. per pound for less carlot shipments.

Butyl Stearate.—This market presented little change during the course of period under survey, demand was fair and 25c. per pound was listed for less carlot shipments.

Ethyl Acetate.—A fair demand was reported for this product again last week. A decidedly firm tone was in evidence.

Nitrocellulose.—Effective March 1, a modification of the price schedule for the ester soluble material viscosities, ¼, ½, 5-6 and 15-20 seconds contract consumers are being offered carlots at 22c. per pound. A minimum carload represents approximately 18,000 pounds of dry weight nitrocellulose or 36,000 pounds gross weight.

Driers

First quarter contracts for stearate expire at the end of this month and the manufacturers expect within a short time that prices for second quarter agreements will appear. The second quarter contracts will doubtless be considerably higher in price than those now in force. As mentioned previously, stearic acid costs have been raised three times since the present prices for stearates were established. Prices for aluminum resinate continued more or less nominal at 15c. per pound. Aluminum oleate continued at 16¾c. per pound on contract and 17½c. to 18½c. per pound on open order.

Glues and Binders

Casein.—The price of the domestic article eased off fractionally last week. Quotations were 18¾c. to 19c. per pound for car lots of the 20-30 mesh, delivered, and 19¼c. per pound for the fine ground, also delivered. French appeared on the market again with 18¾c. to 19c. per pound mentioned. Demands fell off last week as the paper manufacturing industry was in convention in New York.

Glues.—It was rumored around the market last week that prices would be advanced generally today. It had been thought that hide glue prices were going to move up at any time but the latest indications point to a rise in prices on March 1. Buyers were close to the market and were buying in good fashion last week.

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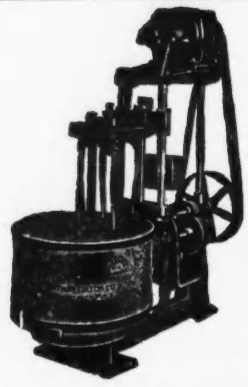
Givaudan-Delawanna, Inc., is offering to the trade a new anti-skinning agent which it designates as "Bartyl A." It is a new chemical compound and has been given severe tests in two representative enamels and in a flat wall paint, by the Givaudan laboratories. Its advantages are summarized as:—mild non-residual odor, no effect on drying, no effect on color, non-toxic, soluble in paints and solvents, economical to use, progressively effective, does not form slimy skin. The company is prepared to send samples to those wishing to improve their paints by using an effective, odorless, anti-skinning agent.



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Oils, Fats and Waxes

Moderate Recovery in Cottonseed Oil Futures — Semi-Refined Foreign Oil Weaker—Babassu Up Again—Coconut Oil Quiet And Easier—Tallow Offerings Light and Market Steady

Quieter conditions prevailed last week so far as the general list of vegetable, animal and fish oils, fats and greases was concerned. Some edible products met with a fair demand but much of the purchasing was limited to comparatively small or moderate quantities. The tendency of prices was downward but the undertone of the market as a whole was steady or firm late in the week. The trend of cottonseed and lard futures was upward at times and offerings of many other commodities were noticeably light.

Babassu oil continued to meet with a good demand and prices were again advanced. Coconut oil was firm early in the week but quotations on spot were shaded later on though futures were held at a higher level. Copra was irregular abroad. Chinawood oil was firm early in the week but buying interest fell off and later on prices were shaded. Perilla, olive and rapeseed oils were in light supply and firm on spot. Brazilian and British cottonseed oil prices for shipment were shaded.

Fish products were generally firm. Estimates of the production of sardine oil continued to be scaled down. Unsold stocks of crude menhaden oil were said to be very small. Oleo and tallow oils were higher and some grades of lard and neatsfoot oils were advanced by producers. Marketing of hogs in the West continued liberal in comparison with the movement a year ago. Tallow offerings remained light and the market retained a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Babassu oil, ½c. per lb.
Lard oil, low grades, 25c. per 100 lbs.
Menhaden oil, crude, 3c. per gal.
Neatsfoot oil, 25c. per 100 lbs.
Oleo oil, 12½c. per lb.
Tallow oil, 87½c. per 100 lbs.

Reduced

Chinawood oil, futures, tanks, ¼c. per lb.
Coconut oil, crude, spot, ¼c. per lb.
Copra, 1-10c. per lb.
Corn oil, crude, ¾c. per lb.
Cottonseed oil, edible, 12½c. per 100 lbs.
Cottonseed oil, semi-refined, imported, ½c. per lb.
Lard compound, 25c. per 100 lbs.
Lard oil, prime, 50c. per 100 lbs.
Peanut oil, crude, ¾c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.2	154.8	158.6	122.5

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market continued to display firmness, prices being advanced another ½c. to 11¼c. per pound in tankcars. Producers were not in a position to offer for delivery before May, the output being sold ahead.

Chinawood.—A firm tone prevailed in the primary market early in the week and this was reflected in local and Pacific Coast centers, prices being held at recently advanced levels. Later on Hankow was more or less unsettled and although shippers were not inclined to offer very freely, quotations were shaded about ¼c. per pound, with reports current to the effect that some business had been closed for April-June delivery at about 14.2c. per pound. Developments abroad made buyers inclined to hold off, however, and sales for the week were generally reported as light.

Coconut.—Crude oil was quoted at 9¼c. per pound in tankcars for prompt delivery which compared with 9½c. in the previous week. For delivery up to June the quotation was also 9¼c. In the previous week futures were quoted at 9c. Business was slow much of the time, consumers being inclined to hold off for further developments in the situation abroad. The London copra market was irregular. Late in the week £19 10 s. was quoted there, showing a firmer situation than existed early in the period. Edible oil was advanced to 14½c. per pound in tankcars at one time but locally later on there was a reaction to 14¼c.

Corn.—Recent developments in some other vegetable products were reflected in an easier market for crude corn oil, quotations being shaded about ¼c. per pound. Offerings continued light, however, and prices appeared to be largely nominal.

Cottonseed.—Edible oil was reduced 12½c. per 100 pounds by refiners. Trade was on a fair scale. Semi-refined foreign oil for shipment was quiet and easier, quotations being shaded about ½c. per pound. Further importations were reported last week.

Olive.—Inquiries for foots were noted but there were apparently few transactions as supplies are small while much uncertainty still existed concerning future importations. Denatured oil was scarce and nominal on spot.

Palm.—Niger oil was still nominal on spot in the absence of any increase in supplies. Offerings for shipment were also reported as light with the primary market steady.

Perilla.—With supplies small, the spot market was firm at recently prevailing levels. There was a fair inquiry and some business was reported to have been closed at 11c. per pound, tankcar basis.

Rapeseed.—A firm tone prevailed. Only small supplies were available on spot and 85c. per gallon was apparently an inside figure. This price was said to be about 5c. below the replacement cost. Shipments of seed from India to the United Kingdom and the Continent from January 1 to February 10 were 10,200 tons against 3,900 tons in the same time last year.

Soybean.—The market retained a steady tone. New business was reported as rather quiet but there was apparently a steady movement into consuming channels on contracts. Reports from the West were to the effect that some growers were contemplating an increase in the next bean acreage as a result of the high prices realized during the current season.

Markets at Other Centers

San Francisco, Feb. 23.—Various factors of uncertainty in the market were contributing causes to a slow period of trading in general in vegetable oils here. Coconut oil lacked the snap which characterized it during the previous period and the trade at large was of the opinion that the undertone was softening. Oil deliveries against previous contracts, however, remained good as steamers continued to be unloaded and goods piled up by the strike were released.

Ruling prices are:—

BABASSU.—Quoted at from 11c. to 11¼c. per pound, for from prompt to deferred shipment, tankcar basis, f.o.b. mills, Pacific Coast.

COCONUT.—The market is largely nominal at the moment, with quotations on spot oil in the market at from 8¾c. to 9c. per pound, in tankcars, f.o.b. Pacific Coast. Deferred shipments quoted at from 8⅜c. to 8½c. per pound.

COPRA.—Buying activity has touched a routine level after a period of several days of good interest in the market, although at the moment crushers on the Pacific Coast have withdrawn much of their interest. Local mills are extremely busy making up for time lost on account of the recent shipping strike. Quoted today from 5.15c. to 5.20c. per pound c.i.f. Pacific Coast ports.

CHINAWOOD.—Quoted for February shipment from the Pacific Coast at 14¼c. per pound in tankcars, f.o.b. Coast. March forward, into July-August, quoted at from 13.8c. to 14c. per pound.

COTTONSEED.—Easier, with a general lack of interest. Brazilian oil is quoted at 10.20c. per pound, duty paid in tankcars, f.o.b. Pacific Coast; Japanese, 10.40c. per pound, February-April shipment from the Orient.

SESAME SEED.—Purely nominal. Crude oil is quoted at 10¾c. per pound in tankcars, f.o.b. Pacific Coast.

Chicago, Feb. 26.—Vegetable oils have been slightly mixed lately, thus continuing a trend that has been visible in the general market here for some time. Coconut oil has been the material which has been watched closely by some buyers, and it has shown fractional price improvement, in line with stiffening in related items.

COCONUT.—Crude oil, 8⅞c. to 9c. per pound, prompt shipment; 8½c. to 8¾c., deferred, Coast basis. Refined, edible oil, 14¼c. to 14½c. per pound, drums, car lots; and 15c., drums, less than car lots.

CORN.—Crude, low acid, 10c. to 10⅛c. per pound, mills, partly nominal. Refined, edible oil, 13¼c. to 13½c. per pound, drums, car lots; and 13½c. to 14c., drums, less than car lots.

PEANUT.—Crude, 10c. to 10⅛c. per pound, Southeast.

Chicago, Feb. 26.—Range for soybeans for the week ended February 24:—Spot, No. 2, yellow, high, $1.60¼; low, $1.59½.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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Linseed Oil

Flaxseed prices had a downward trend at times in domestic markets. Changes in Buenos Aires quotations were narrow. Linseed oil, cake and meal unchanged.

Flaxseed—DULUTH, Feb. 26.—Flax prices continued downward in early trading this week, showing losses of 3 cents a bushel compared with prices of last week. Trade advices pointed out that the United States has taken 5,943,000 bushels of flax shipped from the River Plate, a considerably larger amount than this country has taken during a similar period for a good many years. It was also said that speculative buying from eastern wire houses has not been sufficient to hold values in line in the face of elevator hedging.

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The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.23¾	$2.13¾	$2.13¾
Monday	...	...	...
Tuesday	2.22	2.12	2.12
Wednesday	2.22	2.12	2.12
Thursday	2.21	2.11	2.10
Friday	2.21	2.11	2.11

Crop movement in bushels follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week	....	1,523	2,172	....
Since Aug. 1	952,288	3,551,933	926,621	2,405,176

MINNEAPOLIS, Feb. 26.—Flax demand was routine and indifferent all through the week and premiums declined further. More Argentine quality arrived here almost daily and kept interest in domestic seed very limited. Virtually all of the domestic flax came from the southern part of Minnesota and was of mediocre quality, being thin and of small oil and iodine content. Just a few scattering cars of northern seed came to hand. Crushers picked up most of the offerings to mix off with Argentine accumulations.

Because of Argentine receipts, local public elevator stocks are increasing slightly and this indicates fair deliveries on May contracts when they mature. Country movement of seed is very limited and interior elevator stocks are small.

Crushers are inclined to use more of their eastern capacity in caring for Argentine arrivals and after local stocks of domestic and foreign supplies have been cleaned up crushing operations will likely slow down noticeably.

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The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.21	$2.15	$2.12
Monday	...	...	...
Tuesday	2.18	2.13	2.10½
Wednesday	2.19½	2.14½	2.13
Thursday	2.17	2.12	2.11
Friday	2.18¼	2.13¼	2.12¼

Crop movement in bushels as follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week	118,000	19,380	....	41,800
Since Sept. 1	2,240,840	7,086,740	322,350	1,051,320

WINNIPEG, Feb. 26.—The market for flaxseed futures was quiet. Changes in quotations were moderate. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.69½	$1.70	$1.70
Monday	...	...	...
Tuesday	1.69⅝	1.70¼	1.69¾
Wednesday	1.70½	1.71¼	1.70¾
Thursday	1.69⅝	1.70¼	1.70¼
Friday	1.70½	1.71	1.70⅝

BUENOS AIRES, Feb. 26.—Opening prices per bushel on March contracts were:—

	Last week.	Last year.
Saturday	$1.17½	*..
Monday	1.17⅝	*..
Tuesday	1.17⅝	*..
Wednesday	1.17⅝	$1.19½
Thursday	1.17¾	1.19½
Friday	1.17⅝	1.19

* Holiday.

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	602,000	504,000	47,000
United Kingdom	20,000	71,000	35,000
Continent	697,000	598,000	299,000
Orders	516,000	398,000	228,000
Others	.....	.....	.....
Totals	1,835,000	1,571,000	609,000

Since January 1

To—	Bushels This year.	Last year.
United States	6,543,000	2,401,000
United Kingdom	291,000	232,000
Continent	3,827,000	5,086,000
Orders	5,248,000	4,330,000
Others	306,000	177,000
Totals	16,215,000	12,226,000

Visible Supply

	Bushels.
Last week	5,906,000
Previous week	6,299,000
Last year	4,331,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	20,000	52,000	92,000
Continent	8,000	.....	64,000
Others	.....	4,000	.....
Totals	28,000	56,000	156,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	8,636,000	3,616,000
Continent	1,004,000	780,000
Others	676,000	868,000
Totals	10,316,000	5,264,000

HULL, Feb. 26.—Quotations on flaxseed were:—

	Per ton La Plata.	Bombay.
Saturday	£11⅝	£14
Monday	11⅝	14
Tuesday	11⅝	14
Wednesday	11¾	13¾
Thursday	11¾	13⅞
Friday	11¾	13⅝

Linseed Oil.—Domestic markets for flaxseed had an easier tone at times but variations in Buenos Aires prices were generally narrow and the local market for linseed oil presented a rather firm appearance on the whole despite the lack of any improvement in trade. Quotations ranged from 9.3c. to 9.5c. per pound for tankcars, and bids at slightly below the inside figure were reported to have been rejected.

So far as new business was concerned the market, as already intimated, was a rather small affair. Withdrawals on contracts held up well, however, and the movement into consuming channels was steady. At some outside points shipping directions fell off as a result of fresh labor disturbances in important consuming industries but the shipments from this center were sufficient to prevent any accumulation of supplies at the local mills which appeared to be operating close to capacity.

The easier situation in domestic markets for seed was attributed to the liberal arrivals in recent weeks from Argentina, the imports having a tendency not only to check demand for domestic cash seed but also to discourage buying operations in the markets for futures. Last week the arrivals of flaxseed at New York were again heavy, amounting to 615,488 bushels and bringing the total importations at this port during the past three weeks up to 2,275,000 bushels.

There was no change in the character of reports from Argentina as to the size of the flaxseed yield this season. Recent rains in that country are said to have put the soil in good condition for the next crop. Rains were also reported in India where, according to recent reports, the crop was suffering from drought.

MINNEAPOLIS, Feb. 26.—Demand for linseed oil of late has been limited, partly because of the renewed threat of labor trouble in the automobile industry. This slowed buying considerably and no round lots were disposed of during the past week. A few tankcar lots moved, but most of the business was accomplished in cooperage car lot or in warehouse lots. There is a general tendency to wait for labor developments to come to a head before making contracts of importance. At the moment interest in deferred shipment is light and without force.

Shipping instructions are fairly prompt on the average and crushers are unable to put away much oil. Meal accumulations are growing and this may interfere with crushing operations in the near future. Present capacity in operation estimated at 60 percent.

Quotations on carload lots f.o.b. Minneapolis, cooperage, 10.3c. per pound, tankcar lots 9.7c. per pound, warehouse lots 10.7c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,315,506	1,695,549
Since Sept. 1	29,278,032	50,586,419

SAN FRANCISCO, Feb. 23.—The spring paint trade is having a lot to do with a rather brisk movement of linseed oil out of old contracts in this market, but of late there has been practically no new buying interest at all. Quoted:—Tankcars, 9.7c. per pound; drum car lots ex mill, 10.3c. per pound; drum lots ex warehouse, 10.7c.

CHICAGO, Feb. 26.—A better market tone is noted in linseed oil. Buying has stepped up a little here and there, and representative sellers seem to be feeling a trifl more optimistic. Most buyers seem to be interested in limited lots, for shipments over the relatively near future. Ruling prices are:—Tankcar, 9.5c. per pound; car lots, 10.1c.; warehouse deliveries, drums, 10.7c.

LONDON, Feb. 26.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	26	10½
Monday	26	10½
Tuesday	26	9
Wednesday	26	10½
Thursday	27	3
Friday	27	3

Cake and Meal.—The trend of flaxseed prices was downward in the main in domestic centers but quotations on cake and meal on spot here were maintained at previous levels. The figures were largely nominal owing to the smallness of supplies. Offerings for forward delivery were generally rather light. Trade was reported as quieter.

MINNEAPOLIS, Feb. 26.—A further dip in linseed meal prices brought more buyers into the market and business of the past week proved fairly brisk. Heavy snows kept farmers at home for a week or more and they used up their meal stocks completely. As a result they rushed to town for fresh supplies as soon as the roads were open. Interior distributors bought quick shipment car lots and furnished instructions with their orders. They also picked up a few round lots for shipment during the month of March.

Quotations on carload lots f.o.b. Minneapolis, 100-pound sacks, $41.50 to $42 per ton, for 34 percent protein quality.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	1,887,940	3,224,000
Since Sept. 1	53,382,544	99,395,581

CHICAGO, Feb. 26.—A fair amount of interest has been generated in the linseed meal market here lately. Buying shows no particularly large up-surge, but there has been a fairly steady flow of orders. Feeders are taking moderate amounts. Prices are little changed currently. Ruling prices are:—Round lots, $44 to $45 per ton, largely nominal; car lots, $45; less than car lots, $47 to $47.50.

Cottonseed Oil

Refined cottonseed oil futures had an upward trend at times. Offerings of cottonseed products in Southern markets were light and the ruling tone was steady.

Cottonseed Oil.—Selling pressure abated in the market for refined cottonseed oil futures last week and the trend of prices was upward much of the time with shorts covering and local and other traders buying for a turn on the long side on the idea that after a decline of more than 100 points within a comparatively short time the market was entitled to a rally on technical conditions alone if for no other reason. The upturn in prices was only moderate, however, and sentiment among local interests as to the course of the market in the long run was still mixed. Some contended that the recent decline discounted much if not all that is bearish

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

in the situation as it exists at the present time. Also it was argued that consumption is likely to be stimulated to some extent as a result of the setback in prices, especially as other vegetable products which compete with cottonseed oil remain at very high levels.

Yet there was little disposition to take the aggressive on the long side and some were disposed to regard the upturn as due merely to liquidation of short accounts in a market that had become oversold. Some who are still bullish as to the ultimate course of prices were deterred from purchasing extensively at this period by the continuation of relatively large hog receipts, by the indications of further additions to the already very heavy supplies of lard and by the arrival of fresh importations of cottonseed and other vegetable oils from abroad.

On the other hand, as already intimated, there was a noticeable relaxation of bearish pressure. For the time being at least sentiment among provision interests in Chicago also seemed to be less bearish and the market there for lard futures had more of a two-sided appearance than recently. Receipts of live hogs in the principal Western markets for four days of the week aggregated 174,800 head against 126,300 head in the same time last year. The weight of the hogs has increased in recent weeks. During the week ended February 20 the weight of the hogs received in Chicago averaged 239 pounds. This compared with 237 pounds in the previous week, 234 pounds in the week before that and 233 pounds in the same week last year.

An official report from Washington stated that any advance in hog prices which may occur during the next two months probably will be small, while some decline in prices may occur in late April and May, when hogs from last Fall's pig crop begin to come to market in large volume. Lard compound was reduced last week, but demand was reported as more active at the decline. Export trade in lard continued slow. Coconut oil was shaded on spot, but higher prices were named for futures. Copra was irregular in London, being easier early in the week and firmer later on. Babassu oil was in good demand and the price was again advanced. Tallow offerings were light and the market continued to present a steady appearance.

Foreign houses were buyers of cottonseed oil futures to undo straddles made originally by sales of oil against purchases of lint cotton. Refiners were credited with purchases of near months and sales of distant positions. Commission houses were buyers of the Summer and Fall months. There was considerable switching from March to later months, the switches to May being at 2 points difference, to July at 10 to 15 points, and to October on even terms to 5 points difference.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from February 20 to February 26, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.		Sales, Tanks.
March	10.88	10.68	10.87	sale	116
April	...	...	10.90	nom.	..
May	10.99	10.67	10.99	sale	137
June	...	...	11.00	nom.	..
July	11.06	10.77	11.04	sale	256
August	...	...	11.06	nom.	..
September	11.00	10.68	11.00	sale	205
October	10.92	10.66	10.90@10.92		48
Total sales (140 switches)					902

Crude, Southeast, 9.75@10.00c.
Valley, 9.75@10.00c.
Texas, 9.75c. nom.

Chicago, Feb. 26.—Buyers of cottonseed oil are none too anxious to place their orders. Most sellers also are slow to make large concessions. Good, off-Summer, yellow fig oil is ruling at 11⅛c. per pound. Refined, edible oil is quoted at 13¼c. per pound, barrels, car lots; and 13¾c. per pound, barrels, less than car lots.

Hull, Feb. 26.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	32	0	29	0
Monday	32	0	29	0
Tuesday	32	0	29	0
Wednesday	32	0	29	0
Thursday	32	0	29	0
Friday	32	0	29	0

Cake and Meal.—A steady tone continued to be reported in Southern markets for spot material. Unsold stocks at the mills are comparatively small and offerings were generally light. There was a steady movement on contracts, but new business was reported as quiet.

Markets at Other Centers

Atlanta, Feb. 24.—Oil continues to be the weak item among cottonseed products, with prime crude now at 9.75c. per pound. Other items are steady.

With better weather, farmers are busy now preparing land for planting. Federal seed loans are now available to cotton farmers.

Quotations of this market are as follows:—

OIL.—Prime crude, 9.75c. per pound.
MEAL.—7 percent grade, $34 per ton, interior mill points.
HULLS.—Loose, $14 per ton.
SEED.—$44 per ton, shipping points.

Memphis, Feb. 26.—Crude cottonseed oil continued quiet during the week. The last business closed was at 9¾c. for any shipment and that figure is now bid. Mills are apparently sold well ahead against seed holdings. Meal and cake declined about $2 per ton from the recent highs but the reaction seems to have about run its course. Today meal quoted at $34 per ton for the 41 percent, Memphis basis, prompt shipment. Bulk slab cake, $31 per ton, immediate shipment, and $30 for deferred shipment, Valley basis. Considerable open interest now exists in the Memphis pit market for March contracts, with local stocks available for March delivery rather low. Weather clear and cold.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	February 18.	February 26.
March	$33.00@33.50	$32.15@——
May	32.10@32.25	30.45@——
July	31.50@32.00	29.50@29.70
September	29.00@29.90	26.50@——

Animal Oils

Lard.—Edible prime oil was reduced 50c. per 100 pounds, while quotations on other grades were unchanged to 25c. per 100 pounds higher. Consumers were disposed to adhere to a conservative course in making purchases.

Neatsfoot. — Quotations were unchanged to 25c. per 100 pounds higher, the tone of the market being firm. There was a fair demand for moderate quantities to fill the current needs of consumers.

Oleo.—A firmer tone developed and quotations were advanced 12½c. per 100 pounds. A somewhat better inquiry for moderate quantities was received from local and other buyers.

Tallow.—An advance in prices of 87½c. per 100 pounds was attributed to the stronger position of basic material. Demand was fair.

Markets at Other Centers

Chicago, Feb. 26.—Buyers are scanning conditions and are content to sit back and wait for a more favorable buying opportunity.

LARD.—No. 1, 11⅞c. to 12c. per pound.
OLEO.—No. 2, 12½c. to 12⅝c. per pound.
TALLOW.—Acidless, 12¼c. per pound, tanks; 12¾c. to 13c., drums.

Fish Oils

Menhaden. — The refined situation continued to be featured by a firm tone although there was little change in the attitude of consumers, many of whom were apparently disinclined to increase the size of their takings. The call for small or moderate quantities, however, was fair and in some quarters there was a disposition to take a rather more favorable view of the business outlook. Crude was stronger, sales being reported at 43c. per gallon, Baltimore.

Sardine. — Selling schedules were maintained at previous levels by refiners but the tone of the market was regarded as firmer by some owing to the strength of crude. There was a fairly active demand for refined oil but purchasing was generally limited to moderate quantities to fill current needs.

Whale. — Refined oil met with a fairly active demand and the market retained a firm tone. The annual report of the Norwegian Whale Catchers' Association for 1936 gives the total quantity of whale oil produced in the Antarctic during the 1935-36 season as 2,412,583 barrels. Of this quantity expeditions under companies belonging to the association produced 1,621,300 barrels, of which 718,537 barrels were the output of Norwegian companies.

Markets at Other Centers

San Francisco, Feb. 23.—January reduction of sardine oil in California shore plants was less than half that of December, according to figures made public last week by the California Fish & Game Commission, when it was announced that the total for last month was 1,300,290 gallons. This compared with 2,811,089 gallons for December and did not take into account the activities of the floating reduction plants, which may have produced in the neighborhood of an additional 750,000 gallons, the latter figure being purely an estimate. Of the shore plant total for January, Southern California only manufactured 261,288 gallons, as against the Northern California figure of 1,039,002, confirming frequent reports that the industry around San Pedro had not been faring well.

The commission also made the report that shore reduction to the end of December, 1936, for the current season had reached the total of 10,865,535 gallons for both Northern and Southern California. From unofficial sources an estimate was gained on floating reduction plant activity for the seasonal period to December 31 which placed the figure on high seas production as 8,075,908 gallons, making for a total of 18,941,443 gallons of oil produced in the industry between the start of the season in August and the period ending December 31.

With all activity in Northern California now ceased for the season, and with the San Pedro area soon to wind up, the sardine oil market picture is lacking in feature. There was no trading traced last week. Last sales here were reported some 10 days or so ago on the basis of 52 cents per gallon, and no oil has turned up since that time. The concensus is that there will be very little holdover of oil anywhere and at the moment none is in evidence, at least in this market. The reduction plants, at least the majority of them, lacked oil at the end of the season here on February 15 with which to fill out their contracts. Whatever material goes into consumption from now on is probably for the most part in the hands of speculators and the amount thus held is very small indeed.

Baltimore, Feb. 24.—Menhaden oil is on the rise. Two or three tanks were sold during the last week at 43 cents per gallon. This price was paid on a resale lot, to be sure, with the stocks in the hands of the fishing companies down the Chesapeake Bay about exhausted, but it none the less shows the strength of the market. Such a figure has not been mentioned for years either on direct sales or trading at second-hand, and indicates that the demand for the commodity must be expanding. The menhaden fishing season is still months off, the inauguration of such activities being too remote to get close consideration now; but there would seem to be in the business done a straw as to what the next season may be expected to do for the fishing companies in the way of returns.

Chicago, Feb. 26.—Sellers of fish oils are advancing prices on items to a considerable extent. While buyers are loath to follow such advances, it appears to be necessary for them to pay the prices to get the products.

MENHADEN.—East Coast, 40c. to 43c. per gallon.
SARDINE.—Pacific Coast, 52c. to 54c. per gallon.

Fats and Greases

Grease.—The market remained in a firm position although there was little snap to business, consumers being interested merely in comparatively small quantities as a rule, with the call for such lots fair.

Lard.—Cash lard was irregular in company with price movements in Chicago where speculative sentiment for the time being appeared to be less bearish despite a continuation of comparatively liberal hog receipts. Demand for lard here was fair. Receipts of hogs in the principal Western markets for four days of the week aggregated 174,800 head against 126,300 head in the same time last year.

Tallow.—Quieter conditions prevailed much of the time last week. Occasional inquiries were noted for small quantities but large consumers were still apparently inclined to hold off for further developments in the tallow situation as well as in the markets for other commodities. Offerings were light throughout the week. The last business officially reported was at 8⅞c. per pound delivered for extra, but higher prices were named in some quarters, the range extending up to 9½c. Small sales of extra were reported at 9c.

Following is a record of the market for tallow futures on the New York Produce Exchange from February 20 to February 26, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales, Tanks.
March	8.90	8.80	8.65@ 9.00	8
April	...	...	8.65@ 9.05	..
May	9.05	9.05	9.00@ 9.05	1
June	...	...	9.00@ 9.15	..
July	...	...	9.05@ 9.15	..
August	...	...	9.10 nom.	..
Total sales				9

Markets at Other Centers

Chicago, Feb. 26.—The trend of the statistical situation in lard is such as to cause a little nervousness over cash trade conditions. Stocks have been increasing lately, with hog runs at high levels. Shipping trade is of moderate extent. Tallows, on the other hand, are still exhibiting a strong tone, with fair buying and no great offerings.

The range of lard quotations from the opening Saturday, February 20, to the close Friday, February 26, is shown in the following table:—

	Per 100 pounds Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.05	$12.25	$12.02	$12.25	$12.17
May	12.62	12.72	12.37	12.65	12.57
July	12.87	12.95	12.60	12.90	12.80

TALLOWS (tierces). — Edible, 10c. to 10¼c. per pound; prime, 9½c. to 9⅝c.; fancy, 9½c. to 9⅝c.; special, 9c. to 9¼c.; No. 1, 8⅞c. to 9c.

GREASES (tierces).—Choice white, 9⅜c. to 9½c. per pound; A white, 9c. to 9⅛c.; B white, 9c. to 9⅛c.; yellow, 10-16, 8⅞c. to 9c.; yellow, 16-20, 8⅞c. to 9c.; brown, 8½c. to 8¾c.

STEARINS (barrels).—Prime oleo, 11¼c. to 11½c. per pound; lard, packages, 12c. to 12¼c.; A white grease, 9½c. to 9⅝c.; yellow grease, 8⅞c. to 9c.; extra oleo stocks, 13¼c. to 13½c.; No. 2 stocks, 12½c. to 13c. (Oleo stocks in car lots.)

Liverpool, Feb. 26.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	May. s.	d.	July. s.	d.	Sept. s.	d.
Saturday	63	6	56	0	55	9	56	3
Monday	63	0	55	9	55	9	56	3
Tuesday	63	0	56	0	56	0	56	9
Wednesday	62	6	55	9	55	6	56	3
Thursday	62	6	56	0	56	0	..	..
Friday	62	0	56	3	56	3	56	6

Liverpool, Feb. 26.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	28	6	28	6
Monday	28	6	28	6
Tuesday	28	6	28	6
Wednesday	28	6	28	6
Thursday	28	6	28	6
Friday	28	6	28	6

Fatty Acids

Red Oil. — The market retained a firm tone and quotations were held by makers at the levels prevailing in the previous week. Business continued along conservative lines.

Stearic Acid. — Raw material continued firm and stearic acid quotations remained where they stood at the close of the previous week. Trade lacked snap but there was a fair demand from local and other consumers.

Markets at Other Centers

Chicago, Feb. 26.—Movement of various grades of fatty acids and allied products to the trade is of fair proportions. Sellers are not inclined to push much material out below the recent prevailing price level.

FATTY ACIDS.—Corn oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; coconut oil, acidulated, 9c. to 9¼c., tankcar; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8½c., tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 4c. to 4⅛c.; boiled down soap stock, 65 percent basis, 5c. to 5⅛c.; cottonseed foots, 50 percent basis, 2⅞c. to 3c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

RED OILS.—Distilled or saponified, drums, 11½c. to 12½c. per pound; barrels, 11⅝c. to 12⅝c.

(Continued on page 48)

Armour Fertilizer Works Burned

Armour Fertilizer Works' fertilizer plant in Columbia, S. C., was completely destroyed by fire, February 18, resulting in a property loss estimated between $30,000 and $35,000. The company indicated rebuilding would commence at once and expected full fertilizer delivery service from Columbia in about three weeks. In the meanwhile, orders were being accepted, and rail or truck deliveries will be made from the company's plants in Atlanta and Augusta, Ga., and Wilmington, N. C.

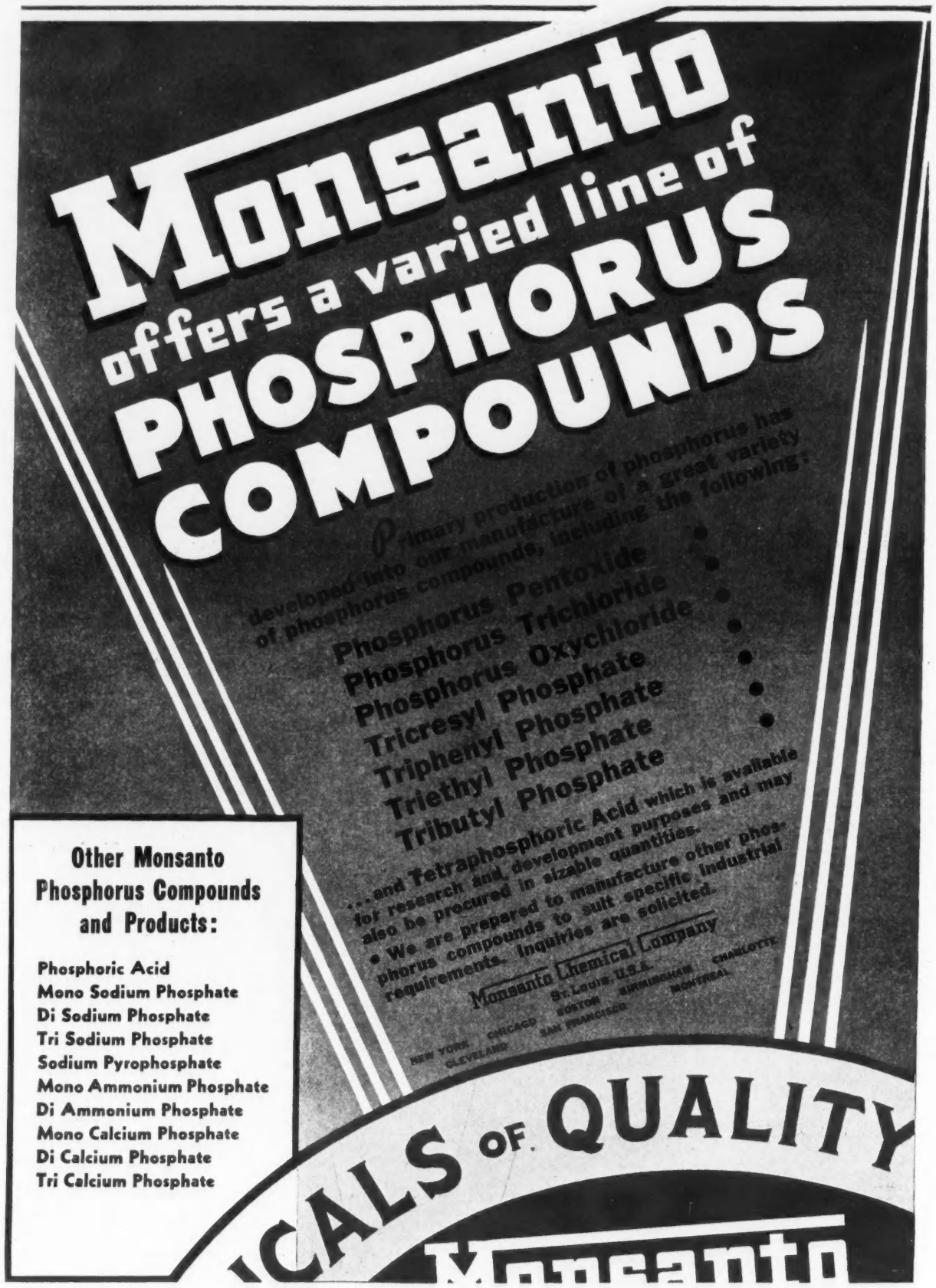
L. A. Hilpp has been elected president of the Kentucky Consumers Oil Company, Louisville, succeeding his father, E. H. Hilpp, deceased.

Linseed Oil Statistics

Data compiled by the Flax Institute of the United States show the following production, consumption, stocks, imports and exports of linseed oil for the fourth quarter of 1936:—

	Gallons.
Stocks as of September 30	13,121,431
Production, Oct.-Nov.-Dec.	17,586,516
Imports, Oct.-Nov.-Dec.	4,285
Total	30,712,232
Less stocks December 31	15,635,685
Consumption, Oct.-Nov.-Dec.	15,076,547
	Decrease under 1935 2.94%
Exports	26,203
Twelve months' consumption—	
Gallons	64,703,639
Bushels	25,881,455
	Increase over 1935 2.93%
Quantity of flaxseed crushed in the U.S.A. of domestic and foreign origin, bushels	24,010,928
U.S.A. crop for the year 1936—	
Acres	1,800,000
Production, bushels	5,908,000
Less, sowing supply	1,200,000
For consumption, bushels	4,708,000
Flaxseed imported, bushels, 1936—Calendar years	15,365,000

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7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ICALS OF QUALITY
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Drugs, Fine Chemicals

Potash Iodide Lower Under Competition — Acetylsalicylic Acid Reduced — Contract Price for Halibut Livers Rises —Codliver Oil Output in Norway Gains

Lower quotations on acetylsalicylic acid and potash iodide were the price featured last week in the market for drugs and fine chemicals. With the exception of these two items, the balance of the market was one of price stability. Most materials came in for a very good demand under conditions in which excessive competition was entirely lacking. The requirements of manufacturing consumers, jobbers, wholesalers, and distributors in general were maintained at a volume close to that current for the entire Winter and the result was a general firmness in prices. Production was said to be well maintained with a view to creating substantial inventories against the future requirements of buyers.

Competition brought about the lower prices on acetylsalicylic acid and potash iodide. However, the other iodide lacked change and did not appear to be unsettled. Also, salicylic acid and the salicylates as a group seemed to be generally steady so far as prices were concerned.

Quicksilver was very firm and in moderate supply. Hence, mercurials were well maintained in price and demand for the group was normal and active. Bromides continued to move well because of seasonal influences and arrival of Spring requests was expected to expand takings considerably.

Menthol was steady but not in especially active requests. Camphor moved well at full prices. Tartar products were still subject to considerable competition but no open change in quotations was made. Better demand for santonin was expected to develop soon. Contracts for halibut livers produced in Alaska were reported made at an advance over the prices paid a year ago. A firmer market on halibut liver oil was expected.

Acid, Acetylsalicylic.—The aspect of this article changed toward the end of last week. Values weakened and finally a 5c. decline in quotations brought the market down to 50c. per pound for barrels and kegs, while boxes were priced at 51c. This was a competitive development which was not, however, accompanied by reductions in prices on salicylic acid and salicylates in general.

Acid, Citric.—Leading sellers were well prepared to meet the better demand which arrival of Spring about three weeks from now is likely to develop. So far as known, the prices were in fairly stable position and they were certainly low enough to be especially attractive to consumers using the article for acidulation of beverages.

Acid, Lactic.—The call for U.S.P. acid was excellent and exceptionally steady at all times last week. Prices appeared to be well stabilized. At least, there was little in the way of price competition current locally during the past week. Stocks were said to be ample in size.

Acid, Pyrogallic.—The season when consumption usually undergoes some expansion was not far away and the arrival of larger business was expected to find values firm at well stabilized position. The call last week was strictly routine in character but volume was fair in size.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Acetylsalicylic acid, 5c. per lb.
Potash iodide, 17c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.5	**181.7**	**181.5**	**187.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Agar Agar.—The spot market was strong with an upward tendency in prices. Replacement cables showed values in Japan to be also very strong, based on small stocks and excellent demand from all consuming countries. The local call was very good.

Alcohol.—Little change came to the market for this article. The general position of the material was one of considerable strength with values being fully maintained in all quarters. Production of alcohol for industrial uses was said to be in excellent volume and reserve stocks were no larger than reasonable protection would make wise. The only possible source of unsettlement was the quantity of completely denatured alcohol to be carried over by jobbers and distributors. In the past, the carryover has oftentimes been pushed into liquidation with the result that prices have weakened. However, at this time no signs of unsettlement of that sort have appeared and the market as a whole was described as being firm last week.

Bismuth Metal and Salts.—Trade was routine in all respects but the market was reported to be firm. Demand was normal and stocks were not much in excess of the actual takings by buyers. The position of metal was close to being strong as no surplus of supplies existed in this country.

Borax.—Tenders against existing contracts were being taken up promptly by buyers of both the technical and USP qualities of this article. The steady movement contributed much to the general firmness and stability that prevailed on prices. The outlook for the future was said to be good.

Bromine and Bromides.—Movement of bromides during the past winter has been excellent. Conditions were entirely favorable to an excellent consumption of the group and the result was a general maintenance of prices on a well stabilized basis. Demand last week was about normal.

Caffeine.—Business was steady. The need for citrated material continued to bring in a good volume of orders, conditions being still favorable for an excellent consumption of the article. Alkaloid was in normal request at very steady prices. Hydrobromide was in fair request.

Calcium Gluconate.—Demand was moderate in size, yet about normal for the material and the leading producers reported a very steady price position on the spot. Production was said to be somewhat ahead of that a year ago at this time.

Castor Oil.—Steady demand was reported and the market was said to be very firm in all directions as competition was not excessive. Raw material costs were well maintained in the Brazilian market and that tended to keep spot quotations on oil very steady. The area under castor beans in the Madras Presidency up to November 25, 1936, was estimated at 240,100 acres as compared with 247,700 acres estimated for the corresponding period of 1935, a decrease of over 3 percent. The estimate for 1935 was below the actual area of 252,291 acres by almost 2 percent. The average of the areas under castor beans in the Madras Presidency during the five years (April 1-March 31) ending 1933-1935 has represented 19.5 percent of the total area under castor beans in India.

CHICAGO, Feb. 25.—The castor oil market has shown little change here, with most sellers reporting a firm position as to prices. Purchases are about in line with those previously reported. The undertone seems fairly healthy. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lot, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Cocoa Butter.—Producers quoted 28c. per pound on carlot quantities, but some material held in resale quarters was said to be available at 26¼c. per pound. Very little demand was reported locally during the period reviewed.

Codeine Salts.—Phosphate and sulphate were still in quite active request, but the trend was toward smaller de-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Salicylic Acid
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Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
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Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
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U. S. P. and TECHNICAL . . . Grades of high quality which meet exacting requirements.
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Eastman Tested Chemicals

mand, which was in keeping with the season of the year. In general, the market was said to be quite firm throughout the period so far as prices were concerned.

Codliver Oil.—Demand was very steady and prices were reported to be generally firm. Stocks were of fair size, and no shortage in prompt delivery material was expected. New fishing has started in Norway and as of February 13, the catch totaled 18,100 tons of fish from which were produced 8,311 barrels of oil. This compared with the 1935 figures of 15,262 tons of fish and 6,920 barrels of oil. Stocks of oil in Norway were unusually small. Poultry oils were exhausted and new shipments could be made only as the new production appeared on the market. As evidence of the prevailing shortage, it has been pointed out that local producers in northern Norway usually hoard quantities of oils to place them on the market just before the new cod fisheries begin when money is needed to fit out the fishing fleet. In 1936 high prices brought these hoarded stocks on the market during the fall months. Prices were firm throughout December, industrial oils showing a 10 percent rise. December oil export statistics showed large figures compared with exports in December, 1935. Industrial oils showed the greatest increase caused by heavy shipments to the Continent. The export of medicinal oil totaled 272,910 gallons, compared with 209,400 gallons in December, 1935; of pale oil, 117,030 gallons, against 74,640 gallons in 1935; and of light brown industrial cod oil 373,750 gallons, against 183,060 gallons in 1935. Exports to the United States in December were small, as most contracted orders had been effected in the months September, October and November. Statistics show that the export of medicinal oil totaled 62,624 gallons (73,380 gallons in December, 1935), of poultry oil 83,365 gallons, against 63,256 gallons in 1935, and of industrial oil 106,318 gallons, against 143,327 gallons in 1935.

Glycerin.—Prices continued to be very firm. Demand was well maintained and stocks wherewith to meet the call were still considerably less than actual needs. Production has been well engaged ahead and hence for the time being, entire relief from the shortage which has prevailed for a long time was highly uncertain and most unlikely. Cost of foreign material was still higher than the nominal quotations of domestic sellers.

CHICAGO, Feb. 25.—A quiet, orderly market prevails in the c. p. glycerin market, as well as in other varieties. Buying is more or less routine, continuing in comparatively steady fashion. Ruling prices are : C. p., drums, car lots, 29c. per pound; drums, less than car lots, 29½c.; cans, less than car lots, 30c. to 32c., according to quantity; dynamite, car lots, 29c.

Halibutliver Oil.—Reports from Alaska where preparations for fishing season, that begins in the middle of March, were well underway, indicated that prices to be paid for halibut livers will be around 50c. per pound, comparing with 45c. last year and 12c. five years ago. Contracts at 50c. per pound have been made with the leading buyers of livers. Oil continued firm in price and in good request.

Hydroquinone. — Increased demand for this article was due to start in the not far distant future when seasonal influences will create a greater need for the article. The market last week was declared to be very firm in price and steady as to demand.

Menthyl Salicylate.—Interest in the material was normal in size and sales were said to have been productive of a good volume of transactions. Prices were well maintained in the absence of substantial competition at this time.

Mercurials.—Raw material held firm in price and hence the position of all mercurials was one of more than a fair degree of strength. Demand for corrosive sublimate and calomel was active and normal in size while the movement of other items was also very good.

Potash Iodide.—Prices were reduced to a minimum of 93c. per pound for the USP material in 250 pound barrels. According to quantity and packing, the price range was to $1,28 per pound, the latter price prevailing on quarter pound bottles or cans. Other iodides, and resublimated iodine, were unchanged. The range in potash iodide prices was the result of competition.

Quicksilver.—While demand was not very brisk, the call was more than sufficient to keep prices firm and well maintained at all times last week. Foreign market prices were said to be very firm even though a nominal amount of competition between Spanish and Italian producers was said to exist. The fact was that no metal was forthcoming direct out of Spain to this market, although some reports have suggested that there may have been some sent to London. That market reported very small stocks of metal, an absence of shipments from Italy, and a very small reserve in Spain.

SAN FRANCISCO, Feb. 23.—An estimate made by a reliable quicksilver authority here last week placed the production mark in California and Oregon at an approximate 900 to 1,000-flask monthly average, a mark which may be bettered soon when clearing weather sets in, it was said. The market remained quiet during the period under review, sales to the eastern trade being routine.

Quinine.—The call was active and reached a good sized total by the close of last week. Requirements of buyers throughout the country were comparatively large and such needs contributed much to the strength that appeared to be the foundation of present prices for the material.

Santonin.—Although quotations were unchanged, the market was fairly easy because of the general inactivity of buyers. However, a larger sale of the article was expected to come with the Spring and some looked for a moderate improvement in market undertones at that time.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate, Cents.	New York, Cents.	London, Pence.
Saturday	32⅝	44¾	20 7/16
Monday	*	*	20 7/16
Tuesday	32⅝	44¾	20⅜
Wednesday	32⅝	44¾	20 7/16
Thursday	32⅝	44¾	20⅜
Friday	32⅝	44¾	20 7/16

* Holiday.

Huisking Finds England And Scandinavia Booming

Charles L. Huisking, president of Charles L. Huisking & Co., drug and chemical merchant, this city, returned February 20 from a business trip which took him to England, Germany and Scandinavia. He was accompanied by Mrs. Huisking.

It was one of the most disagreeable trips Mr. Huisking ever experienced—and he has been making annual journies for many years. Storms lay across his path wherever he went and so violent were they that he was compelled to enter Norway by way of Germany instead of going direct from England. Hitherto no need to make reservations for train, ship and hotel accommodations had existed, but this year the blockade of traffic by ice and storms, plus the boom in business generally, crowded travel facilities to the uttermost. The Winter was the severest in many years.

Regarding business conditions, Mr. Huisking came home primed with the conviction that England and Scandinavia were in the middle of one of the greatest of commercial booms. Prosperity abounded in Norway and Sweden and cash reserves were piling up so high as to virtually forecast an end to the present tie that binds the monetary systems of those countries to the British pound. Vastly improved trade has given the people of England and Scandinavia a healthy view on commerce and they looked with a jaundiced eye on anything which might even remotely check the upward rush of the commercial barometer.

Storms had interfered with cod fishing on the Norwegian banks, said Mr. Huisking, but by the time of his departure conditions improved and large quantities of fish were being caught. Substantial yield from the livers also raised the output of oil and it was felt that production this year would be fully normal. He declared that the Norwegian government was striving mightily to straighten out the snarl in the vitamin question. Competing countries have alleged that the high vitamin content oil which they had been selling was in fact genuine and unadulterated codliver oil. The Norwegian authorities declare that this is not true but they experience trouble in proving their belief chemically. Solution of the problem will not come all of a sudden, according to Mr. Huisking, but he declared forcibly that the Norwegians were moving forward steadily and there was no question that ultimately they will succeed in clearing up the vexatious vitamin situation.

National Oil Products Reorganizes Sales Unit

Charles P. Gulick, president of the National Oil Products Company, manufacturer of products used in the textile processing, paper milling and other industries, Harrison, N. J., announces a reorganization of the industrial sales department of the company co-incidentally with the annual election by the board of directors.

The following officers were elected:—President, Mr. Gulick (re-elected); vice-presidents, John H. Barton and Perc S. Brown (re-elected); treasurer, Ralph Wechsler (re-elected); vice-president in charge of industrial sales and Admiracion Laboratories, Inc., a subsidiary, G. Daniel Davis, formerly secretary; secretary, Albert A. Vetter, formerly assistant secretary and assistant treasurer. Mr. Gulick also announced the appointment of Thomas A. Printon, formerly assistant general sales manager, as general sales manager of industrial activities.

Charles P. Gulick

The growing volume of industrial business has forced the company to improve further the industrial sales setup, Mr. Gulick said, by a breakdown into a large number of departments, thus permitting a higher degree of specialization and service to the trade in the selling process. The new setup is as follows:—

Textile department, Mr. Printon, manager; textile specialties division, C. J. Kenlan, assistant manager; textile rayon division, Dr. E. A. Robinson, assistant manager; paper division, G. R. Zust, assistant manager; specialties division, G. H. Small, assistant manager; division H, J. Gammon, assistant manager.

Admiracion department, Stanley I. Clark, manager; professional division of Admiracion, George Leithner, manager.

Metasap division, metallic soaps, O. E. Lohrke, manager; tanning division, B. A. Schiller, manager.

Logan Grupelli will manage the industrial sales promotion department.

In making the announcements, Mr. Gulick said the company had completed one of the most successful years in its history. The company maintains other offices and plants in Chicago, Boston, San Francisco, Portland and Seattle. It recently bought a new plant in Cedartown, Ga., to manufacture completely all its products.

The change in the industrial sales department is in addition to the specialized sales setup of the Vitamin Products division of National Oil Products Company, under Perc Brown, vice-president in charge of sales.

Sir Harry McGowan Is Awarded Peerage

Sir Harry Duncan McGowan, chairman and managing director of Imperial Chemical Industries, Ltd., has been awarded a barony by King George.

Sir Harry was born in 1874 in Glasgow and was educated locally. In 1889 he joined the staff of Nobel's Explosive Company, of which firm he became a director in 1915 and managing director in 1918. The formation of Nobel Industries, Ltd., in 1918, which represented the amalgamation of the principal explosive and allied chemical companies, resulted from his foresight, and he was appointed chairman of the combine in November, 1918.

Sir Harry McGowan

In 1926, in conjunction with the late Lord Melchett, Sir Harry formed the Imperial Chemical Industries, Ltd., the biggest chemical combine in Europe, and was appointed the first president and deputy-chairman, becoming chairman on the death of Lord Melchett in 1931.

Sir Harry is a firm believer in the big unit in industry, and he has striven to extend and consolidate within the Empire the industrial interests with which his combine is connected, notable achievements in this direction being the development of interests in Canada and South Africa.

Sir Harry received his knighthood for his great services to the explosives industry during the war. He is a former president of the Society of Chemical Industry and is also chairman of the Nobel Chemical Finishes, Ltd., African Explosives and Industries, Ltd., and of several overseas subsidiaries of Imperial Chemical Industries.

Aspirin Sales to Be Limited To Druggists in New Jersey

The New Jersey board of pharmacy has sent notice to all storekeepers other than druggists that they will not be permitted to sell aspirin or preparations containing this drug after April 1. The merchants notified are told to dispose of their stocks by that date.

The board of pharmacy holds that aspirin is a drug within the meaning of the State pharmacy law and therefore may be sold only in accordance with the statutory restrictions on the sale of drugs. In its notice to merchants the board says:—

The sale of aspirin by general merchants in New Jersey is unlawful. Aspirin is a drug and the sale of drugs is prohibited by the pharmacy laws of New Jersey except under the personal supervision of a registered pharmacist. If you have any stock of aspirin tablets, powder, capsules, gum, or aspirin preparations of any kind on hand, you should dispose of them at once. On April 1, 1937, the State board of pharmacy will begin active prosecution of all dealers not supervised by registered pharmacists who continue to sell aspirin in any form.

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What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-sixty-fifth Instalment

Lactic Acid

Materials Used in Manufacture of Lactic Acid

(Continued from February 22 issue)

Calcium chloride
Calcium hydroxide
Calcium lactate
Carbon bisulphide
Carbon tetrachloride
Casein
Cassava starch
Cellulose sulphite liquor
Cereals
Charcoal
Chloroform
Clay
Corn
Corn germs
Corn grit
Corncobs
Cottonseed hulls
Distillery slop (corn, molasses, potato, sugar-beet)
Ether
Ethyl alcohol
Ethyl ether
Ethylenecyanohydrin
Ferments
Fungi
Fusel oil
Glucose
Gums
Gypsum
Hominy
Hydrocarbons
Hydrochloric acid
Hydrogen sulphide
Kieselguhr
Lactose
Levulose and mannitic leaven
Lime
Limestone
Maltose
Methanol
Milk, skimmed
Molasses
Oats
Oilmeals
Oilseeds
Pentoses
Potassium caseinate
Potato starch
Pyroracemic acid
Roots, starchy
Rice
Rye
Sago starch
Sodium caseinate
Sodium hydroxide
Starches
Straw
Sugar
Sugar solutions
Sugarbeet pulp
Sulphuric acid
Tubers
Wheat
Whiting
Wine slop
Xylose
Yeast water
Zinc lactate
Zinc oxide

Oxidizing Agents for Lactic Acid

Albumin
Hydroiodic acid
Nitric acid

Purifying Agents for Lactic Acid

Acetone
Activated carbons
Bentonite
Bone black
Calcium lactate
Charcoal
Clearit
Darco
Diafilt
Diatomaceous earth
Fossilite
Fuller's earth
Kieselguhr
Magnesium carbonate
Magnesium hydroxide
Magnesium lactate
Magnesium oxide
Magnesium sulphate
Norit
Nuchar
Sulphuric acid

Reagents for Detection of Lactic Acid

Ferric chloride
Guaiacol in alcohol (following sulphuric acid)
Iodine in alcohol (iodoform test)
Phenol with ferric chloride (Uffelmann's reagent)
Sulphuric acid, concentrated
Sulphuric acid followed by guaiacol in alcohol
Thiophene in alcohol

Solvents for Lactic Acid

Alcohol
Ether
Water

Substitutes for Lactic Acid

Formic acid (in technical processes)
Tartaric acid (in foods)

Lactose

Reagents and Tests for Indentification of Lactose

Fehling's solution
Formation of esters
Hydrolysis with dilute acids
Molisch's test
Moore's test
Osazone
Oxidation with nitric acid
Phenylhydrazin
Reduction of metallic hydroxides in alkaline solution

Reagents for Purification of Lactose

Absorbit
Boneblack
Activated carbons
Bayer charcoal
Calcium hydroxide
Calcium monophosphate
Carbon decolorizing
Clearit
Darco
Decolorit
Diafilt
Filtrol
Fossilite
Fuller's earth
Kieselguhr
Klearit
Neutrol
Norit
Nuchar
Phosphoric acid
Recrystalization from hot water
Suchar
Super-filchar
Wood charcoal

Source of Lactose

Sweet whey (by evaporation)

Larvicides

Materials Used for Killing Larvae

Acetic acid
Acetone
Air-exposure
Alcohol
Aliphatic polythiocyanates
Alkali-earth arsenates
Alkali-sludge sulphonates
Alum
Ammonium carbonate
Ammonium dithiocarbamate
Ammonium hydroxide
Ammonium thiosulphate
Ammonium salts of dithiocarbamic acid
Aralkyl esters
Aralkly ethers
Arsenates
Arsenic acid
Arsenic pentoxide
Arsenic trioxide
Arsenic sulphide
Arsenic trisulphide
Arsenous acid
Barium hyposulphide and calcium oxide
Benzene
Benzoic acid
Benzyl alcohol
Borax
Bordeaux mixture
Bordow
Boric acid
Carbolic acid
Carbolineum
Carbon bisulphide
Carbon dioxide
Carbon monoxide
Carbon tetrachloride
Chlorine
Citronella oil
Coaltar
Coaltar derivatives
Coaltar oils
Corn oil soap
Creosote oil
Creosote oil emulsions
Cresol
Cresol soap
Cresylic acid
Deo base
Derris root
Formaldehyde
Formalin
Furfural
Gas
Gas lime
Gasoline
Hydrocarbons
Hydrogen
Hydrogen peroxide
Inorganic poisons
Insect flowers
Kerosene
Kerosene emulsions
Kerosene pyrethrum extract in coconut oil soap emulsion
Lactic acid
Lethane
Lime
Lime-sulphur compounds
Mineral oil emulsions
Mustard oil
Nicotine
Nitrogen
Nitrogen protoxide
Organic poisons
Oxalic acid
Oxygen
Paraformaldehyde
Paris green
Petroleum
Petroleum oil emulsions
Phenol
Potassium permanganate
Pyrethrol 20
Pyrethrum
Pyrethrum and cresylic acid in skim milk emulsion
Rhodanic acid
Rhodanine
Rotenone
Selocide
Sludge sulphonates
Sludge sulphonic acids
Serrid
Serrid optone
Serrid rotenone
Soaps
Soap, animal fat
Soap, calcium
Soap, cresol
Soap fish oil
Soap, mineral oil
Soap sludge sulphate
Sodium arsenate
Sodium arsenite
Sodium borate
Sodium cyanide
Sodium fluoride
Sodium fluosilicate
Sodium permanganate
Spraysene
Sulphides
Sulphocyanates
Sulphur and arsenical compounds
Tannic acid
Tar acids
Teaseed oil
Thio acids and derivatives
Thiocresols
Thiophenols
Thioureas
Turpentine
Vegetable extracts
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Xylene
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Oils, Fats and Waxes

(Continued from page 43)

Waxes

Bees. — Strong markets were the rule everywhere. Prices for crude were well maintained in all directions and offerings for shipment were neither numerous nor large. Locally, a very strong situation prevailed in which the tendency was to raise sharply the quotations on refined yellow and white bleached wax. Demand for the latter two materials was excellent, being an added element of strength. Re-exports of African wax from Portugal during the January-November periods in 1936, 1935, and 1934 were as follows:—

	Kilos
1936	1,075,056
1935	638,038
1934	846,938

Candelilla. — Prices were steady. The fact that competing wax has been firmly maintained in its primary market had aided in the position of candelilla and with a fair request current during the past week, quotations were very firm.

Carnauba. — Although arrivals of wax on this market during the past two weeks have been heavy, the majority of importers have succeeded in maintaining values fairly well to a price position said to be entirely warranted by what it now costs to replace in the primary market. So far as demand was concerned, buyers had substantial quantities due them from the supplies reaching here during the past fortnight and hence their new business was not very large. While the principal importers kept values fairly well maintained, there was some "sharpshooting" and chiseling of values going on around the fringes of the importing trade.

Japan. — The market was very firm and quite active at all times. Replacement costs were well maintained in the primary market while on the spot sellers reported the absence of much competition and a general tendency to keep quotations well in line with the replacement situation. Shipments of wax from Japan were as follows during the past three years:—

	Cases
1936	17,371
1935	12,147
1934	8,501

A.P.I. Sets Up Committee to Promote Proper Well Spacing

Axtell J. Byles, president of the American Petroleum Institute, has appointed a committee to collect fundamental data on the proper spacing of oil wells, and to prepare an educational program designed to promote proper well spacing as an important factor in petroleum conservation.

George A. Hill, jr., of the Houston Oil Company, Houston, Texas, is chairman of the committee, which has thirty-two oil executives as members and alternates. Creation of the committee was authorized by the institute's executive committee at the annual meeting in Chicago last November.

Imperial Oil & Gas Products Company, Pittsburgh, reports the removal of its general offices to the twelfth floor of the Grant building, that city, effective

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Botanical Drugs, Gums

Small Stocks Keep Prices Rising—Aconite, Golden Seal, Mandrake, Echinacea, Pink, Culvers, and Colombo Roots Advanced —Copaiba Higher—Saw Palmetto Berries Shaded

Although business in the market for botanical drugs has undergone some improvement in the past fortnight, the call was still reported to be less than it had been in the very active months of November, December, and January last. Much higher prices now prevailing have served to check trading moderately. Buyers have become somewhat more reserved and were disposed to trade more in line with actual requirements than in a volume sufficient to cover the needs of the more distant future. However, the lack of heavier demand failed generally to have an adverse effect on prices. Values continue to be strong because of the fact that stocks were so low as effectively to keep competition well in check.

Subnormal stocks in the spot market dovetailed with a similar situation in the domestic and foreign primary markets. Firsthand operators in botanical drugs almost without exception held that stocks were far under normal reserves. Hence, their price views tended to strengthen in a ratio almost equal to the decrease in unsold stocks.

The past week was productive of sharp advances in spot prices for aconite, colombo, culvers, mandrake, pink, and echinacea roots. Orange flower petals and sweet orange peel were also rising. Thyme was in very low supply and the quality of some offerings was poor. Ergot moved to higher limits and was hard to secure at home or abroad. Balsam copaiba was advanced in the shipment market and spot values followed.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	105	484
Caraway	1,711	5,415
Cardamom (cases)	10	443
Celery	78	1,802
Coriander	721	2,715
Cumin	300	1,090
Digitalis leaves (cases)	33	53
Dill	...	86
Fennel	75	1,413
Mustard	280	7,398
Poppy	400	11,219
Sage leaves (bales)	20	285
Sesame	...	671
Stramonium (bales)	104	220
Thyme herb (bales)	91	291
Totals	3,837	33,294

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aconite root, 2c. per lb.
Cassia, China, selected rolls ½c. per lb.
Cardamom, bleached, 10c. per lb.
Celery seed, French, ¾c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ¾c. per lb.
Copaiba, Para, 8c. per lb.
South American, 8c. per lb.
Colombo root, 17c. per lb.
Culvers root, 1c. per lb.
Ergot, 5c. per lb.
Echinacea root, 10c. per lb.
Ginger, African, ¼c. per lb.
Jamaica, medium bold, ¼c. per lb.
Mandrake root, 2c. per lb.
Orange petals, 10c. per lb.
Orange peel, sweet, 1c. per lb.
Pinkroot, 3c. per lb.
Pepper, white, Singapore Muntok, ¼c. per lb.
Borneo, ¼c. per lb.
Thyme, French, ¼c. per lb.
Tragacanth gum, 35c. per lb.

Reduced

Cassia, Batavia, No. 3, ¼c. per lb.
buds, ½c. per lb.
Ginger, Jamaica, ¼c. per lb.
Pepper, red, Mombassa, ¼c. per lb.
Saw palmetto berries, 2c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
124.8	124.2	119.6	108.4

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Fairly sharp advances in the shipment price of this article led to a rise in spot quotations to the basis of 45c. to 47c. per pound on Para, and 47c. to 49c. on South American, U.S.P. material.

Peru.—Supplies were comparatively small and the market as a whole showed corresponding strength. Also, the quotations named on shipment goods were uniformly firm and well maintained on the basis of the recent advances. Demand here was fair.

Barks

Bayberry.—While there was not much demand, there was practically no stock of the article available. Hence, for the small quantity actually available in one direction 35c. to 40c. per pound was quoted. The article is used substantially in England but there are few reserve stocks unsold in that country.

Condurango.—This item has moved slowly and in manner not productive of price movements for a considerable period of time. A check last week revealed the market to be steady but lacking in important activity.

Orange Peel.—Sweet peel sold at an advance to the basis of 13c. to 14c. per pound and in view of comparatively small offerings on spot and in the primary market, the position of the article was one of fairly substantial strength. Bitter peel was quoted steadily at 8c. to 9c. per pound.

Simarubra.—The supply was conservative and not widely distributed. However, interest in the item has not been expansive thus far this winter and hence the item has lacked movement in price during the past several weeks. Undertones were steady during the period reviewed.

Tonga.—The market was steady to firm. Buyers were conservative in their takings but the call was comparatively steady most of the time last week and hence prices kept a very steady undertone.

Beans

Calabar.—A quiet and generally dull market was the rule last week and for the most part orders were few and far between. However, quotations held unchanged as there was practically nothing to force a change during the period under review.

Vanilla.—Demand was reported to be comparatively light. High prices have checked buying interest to a considerable extent and signs of an early return of heavier trading were lacking. This decrease in trading had been looked for by numerous well informed factors. It was felt that prices had been advanced so rapidly and had reached levels so high, comparatively, that buyers have been driven to cover pending further developments. In the meantime, stocks actually available in the European markets were conservative in size, especially as concerned high quality material. Locally quotations were about steady.

Berries

Laurel.—Demand was on a hand-to-mouth basis at all times last week and the situation was one of dullness and unsettlement. However, quotations lacked quotable change.

Prickly Ash.—Two or three jobbing orders were received and booked, but on the whole the interest shown by buyers was of jobbing description that kept volume comparatively low. Prices lacked change.

Saw Palmetto.—Spot quotations eased down to 28c. to 30c. per pound under competition. Reports from the primary market stated about four tons had been sold to one manufacturing consumer in this country, and a smaller quantity went to Europe. Negotiations to arrange for further shipments at an early date were going forward at the source.

Flowers

Arnica.—Prices were held without change, but it seemed probable that the market was becoming somewhat unsettled and that competition had a tendency to increase. Demand was occasional and lacked a sustained quality that would have been productive of a volume of trade which would have strengthened the price position.

Chamomile.—Day-to-day demand was said to be made up of a fair sized number of calls for moderate quantities of Hungarian flowers. Interest displayed in Roman flowers was confined to a few sales to Canada. Pricewise, the market lacked open change, but competition tended to make values subject to occasional shading.

Orange.—Orange petals were higher at 40c. to 45c. per pound as stocks showed a decrease and movement into consumption gained considerably. Replacement costs were firm in the foreign markets.

Poppy.—Little has been heard about this item for some time past, but a check on values last week found the market still to be $2 to $2.10 per pound under the influence of the comparatively high cost at which spot stocks were acquired at the last crop.

Saffron.—Spanish material retained the strength developed when demand put the market to somewhat higher price levels during the previous trading

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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period. Demand was also well maintained last week, though individual quantities purchased were generally small.

Gums

Aloe.—Moderate trading was reported, yet the prices held steady and free from much in the way of immediate competition. Cape goods were in very low supply and the price position of that variety of material was strong. The outlook favored an increase in the crop of Curacao material.

Arabic.—The undercurrent that recently stiffened the primary market seemed to flow less strongly last week. New crop gum was reported to be coming in from the collection areas, and hence most of the earlier commitments of shippers have been covered. Locally, prices held unchanged pending further developments in the primary market where, under ordinary conditions, values should show a decline as stocks increase between now and the end of the crop late in June.

Asafetida.—Powder was called for somewhat more actively and the market gained somewhat in strength during the past week. Interest in and demand for lumps was not very active. Stocks were of fair size and prices for the same remained firm.

Myrrh.—Stocks on the spot were low and in strong hands. Prices were 65c. to 75c. per pound and the offerings at the minimum figure were comparatively small. The shortage has resulted from the detention of several parcels reaching this country.

Tragacanth.—No. 1 was priced at $2.75 to $2.80 per pound; No. 2, $2.35 to $2.40; No. 3, $2.30 to $2.35; No. 4, $2.25 to $2.30; No. 5, $2 to $2.05; flake, 50c. to $1. Stocks of No. 1 ribbon were hard to get abroad, as the control of production has kept offerings small. It would cost practically $2.75 per pound to import the article from the source. The effectiveness of the Iran government's policy of crop, sale, and shipment control may be judged from the fact that exactly a year ago the price of No. 1 ribbon was $1.20 per pound.

Herbs and Leaves

Buchu.—Stocks on the spot were practically exhausted and a return of even moderate supplies was most uncertain as the situation in the primary market was hardly favorable at the present time. Quotations at 80c. to 85c. per pound were practically nominal so far as spot goods were concerned.

Damiana.—There were those who seemed to expect an advance in prices for this item, though a check among local sellers last week found goods still being offered at 14c. to 15c. per pound. The report was that the primary market was firming up.

Eucalyptus.—Stocks were none too plentiful and hence those with prompt delivery goods in hand took a very firm view on values and refused to accept orders at less than 10c. to 11c. per pound. Shipments from the usual source of supplies have been small.

Henbane.—During the first eight months in 1936, exports from Egypt rose to 213,455 kilos, comparing with 142,561 kilos exported in the corresponding period in 1935. The market on spot was steady to firm last week, but was lacking in the matter of larger demand.

Senna.—Local demand was about steady and quantities taken were normal in size in most instances. Regarding exports from Egypt during the first eight months of 1936, the outmovement totaled 1,230 kilos, which quantity compared with 130 kilos exported in the corresponding period in 1935. No statistics covering exports of T. V. material from India were in hand last week.

Miscellaneous

Colocynth Pulp.—The firmer and somewhat higher market noted during the previous week was maintained well because of the not large supply of released goods on the spot and the fair interest shown by manufacturing consumers.

Ergot.—The market on U.S.P. goods was strong. Quotations ranged $2 to $2.10 per pound and the goods behind the quoted prices constituted a comparatively small reserve. Offerings from abroad were very small and prices are always so high as to create a spot market of strong undertones.

Irish Moss.—Bleached material of a quality suitable for use in the pharmaceutical industry was in very low supply. Also, no further shipments from the source will be available earlier than from new crop some months in the future. Hence, prices were based on a strong situation and expanding demand would probably send values still higher.

Lupulin.—The spot market was understocked and very firm. Prices held on the basis of $1.75 to $2 per pound and market talk was all in favor of still higher quotations because of the situation at the source. Importations in 1935 totaled 24,586 pounds, comparing with 15,927 pounds in 1934. Germany sent 66 to 75 percent of the exports, Czechoslovakia 25 percent, and the Netherlands less than 1 percent.

Manna.—Price declines have ceased locally and abroad. A steadier situation seemed to have developed even though demand was still conventional in size. Competition was considerable less aggressive than it had been.

Roots

Aconite.—Quotations were advanced to the basis of 30c. to 32c. per pound last week and the continued strength of the market has proved the truth of the report that stocks were comparatively low, and replacement costs were high.

Colombo.—Stocks were concentrated in a single quarter. The price of 50c. to 51c. per pound was set in a market almost totally clear of stocks and entirely lacking in competition.

Culvers.—Holdings were negligible in the country and on spot, too. Prices here were advanced to 17c. to 19c. per pound and buyers found some difficulty in getting prompt shipments out of spot stocks.

Echinacea.—Supplies were down to jobbing size; the warehouses were about denuded of all holdings. Prices were practically nominal on the higher basis of 35c. to 40c. per pound.

Mandrake.—Sales were made at 13c. to 14c. per pound and stocks were very small and in the hands of strong holders. Demand was expected to take up more than a fair sized portion of the goods now unsold in the hands of dealers on spot and in the country.

Pink.—Because of the inability of sellers to make offerings of normal size, prices on this article were practically nominal. In most instances, dealers had nothing to offer. Quotations were higher at 38c. to 40c. per pound and the tendency was toward further rise.

Seeds

Cardamom.—Bleached goods were advanced further to $1.70 to $2 per pound, the movement being the result of very small stocks and the difficulty experienced by local importers in getting shipment of prompt sort from the source. Green and decorticated materials were very firm.

Coriander.—Interest in parcels to be shipped promptly from the source was more active. Following a decline in the c.i.f. price, values reacted upward and most of the drop was recovered. Locally values were firmer but lacked quotable change.

Celery.—Quotations on French seed were higher at 20c. to 20½c. per pound. Those in India seed lacked change. Demand for spot and forward was not very active but the movement upward in local prices on French material brought the spot quotations more into line with replacement costs.

Mustard.—A firm amount of trading was noted but for the most part the market lacked important activity and trade was insufficient to affect values in local circles. Foreign market cables kept prices on shipment seed virtually without change.

Poppy.—Information from Poland was to the effect that in March, the Polish government export bounty would be withdrawn. For this reason, Polish shippers last week forecast an advance of ½c. per pound at that time. This also applies to Polish mustard seed. Local interest in Dutch material was not so great last week but prices held steady.

Spices

Cassia.—Batavia cassia was somewhat easier last week, quotations on Spot No. 3 material declining to 7¼c. to 7½c. per pound. Buds were also cheaper at 14c. to 14½c. However, selected China material was advanced to 5¾c. to 6¼c. per pound to conform with the import position. Demand was routine but steady.

Clove.—Shipment prices were higher and strong. Spot stocks were comparatively low and quotations were higher at 18½c. to 19c. per pound for Madagascar, and 18¾c. to 19¼c. for Zanzibar material.

Ginger.—African root was advanced to 15¼c. to 15¾c. per pound and seemed to be stronger in keeping with the very small quantities forthcoming in primary market shipment offerings over the past several weeks. Medium bold Jamacia root was up a fraction to 15c. to 15½c. but other qualities lacked quotable change. Demand for the group was routine.

Paprika.—Forecast of a 1c. advance to take place in shipment quotations on Hungarian material was made in cables received during the past week. The spot values strengthened. Spanish material held unchanged but seemed to be fairly steady most of the time.

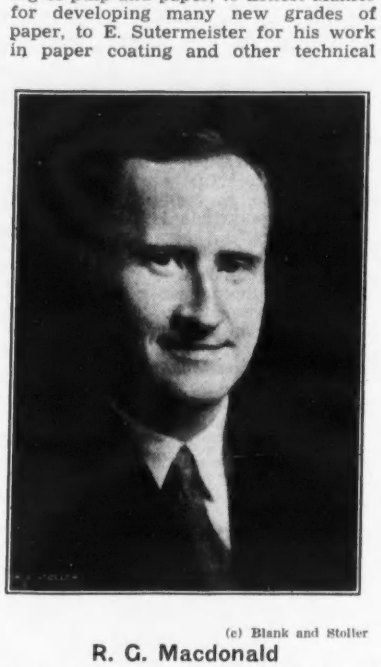
Peppers.—Black peppers lacked change in prices. White Singapore Muntok was higher, and Borneo also fetched a higher price. Both were quoted at 11¼c. to 11¾c. per pound. Mombassa chillies were shaded a small fraction to the basis of 18c. to 18½c. per pound. General demand for peppers was moderate so far as spots were concerned but a fair sized trading interest in shipment parcels was noted.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Paper Technicians Give Medal to Dr. West

(Continued from page 5)

Chemistry, Dr. Harry F. Lewis, chairman of the fundamental research committee of the association, stated that the award is made to individuals who have definitely contributed to the technical progress of the industry. Dr. Lewis stated that the award has been made but six times in twenty-two years, having previously been given to William H. Mason for development of "Masonite," to Ogden Minton for vacuum drying of pulp and paper, to Ernest Mahler for developing many new grades of paper, to E. Sutermeister for his work in paper coating and other technical developments, and to W. H. Millspaugh for invention of sectional rolls and other paper requirement.



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R. G. Macdonald

Re-elected TAPPI Secretary-Treasurer

Dr. Lewis then outlined the career of the medalist by saying that he is the chairman of the committee on bibliography for the association and has held that position for seventeen years. During that long period of service to the association he has contributed annual bibliographies on paper making, and since 1927 has compiled annual lists of patents. He has added greatly to the literature of paper making by the publication of two large volumes of "Bibliography of Paper Making" covering the period 1900 to 1935. He also issued a "Bibliography of Paper Making Materials" in 1921, a revised edition of which was published in 1928. He was associated with a committee on classification and definitions of papers appointed by the National Bureau of Standards in 1921, a report of which was published in 1924, and was editor of the second report in 1928. In addition to these services for the association he has been Assistant Editor for *Chemical Abstracts* since 1920 and has assisted in the compilation of many books and pamphlets for the National Research Council in connection with his work there. He has also edited the Annual Survey of American Chemistry, ten volumes of which were published in the period 1925 to 1935. Soon after the World War he wrote with Major-General Fries the first textbook on chemical warfare and in collaboration with Dr. G. J. Esselen translated Heuger's notable textbook of cellulose chemistry. Since he received his Ph.D. degree in 1912 he has published the almost incredible number of 550 books, articles, translations, and reviews.

Election of Officers

The officers of the association were all re-elected for 1937, as follows:

President, Grellet N. Collins, of the Stevens & Thompson Paper Company; vice-president, W. R. Maull, of Dill & Collins, Inc.; secretary-treasurer, R. G. Macdonald.

John Traquair, of the Mead Corporation, Chillicothe, Ohio, and W. M. Shoemaker, of the National Vulcanized Fiber Company, succeed G. W. E. Nicholson, of the Southern Kraft Corporation, and H. U. Kiely, of the American Writing Paper Company, on the executive committee. Other members of the committee include Mr. Collins, Mr. Maull, H. R. Murdock, of the Champion Fiber Company; W. A. Swanson, of the Kimberly-Clark Corporation; M. H. Teaze, of Hardy S. Ferguson & Co.; Roger C. Griffin, of Arthur D. Little, Inc.; A. E. H. Fair, of the Alliance Paper Mills, Ltd.; W. J. Lawrence, of the Paper Makers Chemical Corporation; Albert Bankus, of the Crown Willamette Paper Company, and Mr. Macdonald.

Technical papers touching on all phases of chemical and mechanical research were discussed. Considerable interest was shown in the paper presented by W. D. Bowlby, consultant chemist, who has done development work on lacquered papers in conjunction with lacquer manufacturers and paper makers. The lacquer papers, he said, have only a few years of history, but such interest has been in evidence that approximately 250 United States patents granted during the past five years all related to the field of lacquer coating of paper. He believes that we are at the dawn of the use of lacquered paper and pointed out the possible variations in developments based on the forty available types of cellulose nitrates. Application of the lacquer coating is no longer limited to spraying, he said, but may be by almost any of the coating methods in use. Lacquer finishes, he explained, can be as thin as 500/1000-inch thick and a gallon can of lacquer can be made to cover anywhere from 300 to 4,000 square feet of paper. It will dry in amazing speed, he concluded, and, aided by heat, will set in one second at 160 degrees.

Drug Law Revision Terms Opposed by President

(Continued from page 3)

in the Copeland bill reads, "A drug shall be deemed to be misbranded if its labeling is false or misleading in any material particular." Since this modifying word does not appear in the present act there is fear that courts would construe it as a deliberate action by Congress to weaken this definition.

A demand that Congress take speedy action to enact a food and drug bill was made in the house February 24 by Representative Caroline O'Day of New York. Mrs. O'Day declared that there is no subject before Congress which is of more vital concern to the women of this country and for which there is more urgent need, and she said that women are growing impatient as the need for legislation increases and Congress fails to act. Mrs. O'Day particularly attacked the advertising of remedies for colds and influenza and the sales campaigns which many manufacturers of such products have been making in recent weeks.

DuPont Engages Carl Geister

Carl H. Geister, until recently with the Mellon Institute of Industrial Research, has joined the technical laboratory staff of the dyestuffs division of E. I. duPont de Nemours & Co., Wilmington. Mr. Geister is a member of the American Chemical Society and the American Leather Chemists Association. His experience covers a broad field of research in the application of dyes and dyeing assistants. He will be engaged in research particularly on the application of dyestuffs to leather as well as promoting the use of fine chemical products as tanning and dyeing aids.

Armstrong Paint & Varnish Works advises that R. J. Gnaedinger has returned to the organization to direct its growing research activities.

Essential Oils, Aromatic Chemicals

Rising Prices on Camphor Oil Gives Strength to Advancing Quotations on Derived Products—Cedarleaf, Cedarwood, Hemlock and Spruce Stocks Shrink Substantially

Demand for essential oils and aromatic chemicals was maintained at an excellent volume throughout the past week. The gain in request over that of a year ago at the corresponding time has been substantial. Furthermore, it has taken place in company with steadily rising and very strong prices at all times. The result was a strong market of fairly broad sort throughout the past week and prices continued to be upward in trend almost without exception.

Camphor products were to the fore last week. Sassafrassy oil was higher, the second advance within a comparatively short time. Artificial sassafras oil was substantially higher and much stronger. Safrol lacked change, but the tendency was upward.

Because of exceptionally severe rise in the import cost of raw material, cardamom production costs were up sharply and prices were raised, notwithstanding the absence of much demand for the article. Cedarleaf and cedarwood were both firmer at an advance, and the position of hemlock and spruce was stronger. In each case absence of normal offerings from the source was responsible for the strengthening or advance of values.

Algerian and Bourbon geranium oils were easier and lower under competition, but the Turkish article was up substantially because of a disappointing outlook as regards new production. Distilled ginger was higher, reflecting the strength in raw materials. Wormseed continued to be in very good request and values were up somewhat at the close of the trading period under review.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Camphor, sassafrassy, 3c. per lb.
Cardamom, $5 per lb.
Cedarleaf, 10c. per lb.
Cedarwood, southern, 1c. per lb.
Ginger, distilled, 50c. per lb.
Methyl cinnamate, 35c. per lb.
Palmarosa, 25c. per lb.
Sassafras, artificial, 7c. per lb.
Wormseed, 5c. per lb.

Reduced

Geranium, Algerian, 10c. per lb.
Bourbon, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
90.5	**90.2**	**89.3**	**70.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—The price for sweet true oil remained strong at 80c. to 85c. per pound. Stocks were small and could not be readily replaced in the foreign markets. Demand was about in line with the call usually present at this time of the year.

Angelica. — Cordial manufacturers were takers of this article in fairly good sized quantities, though they kept purchases down to actual needs. Prices in firm position on the spot reflected fully a similar position in the foreign markets.

Anise.—Quotations were not changed again, but the market seemed to be moderately firm and some felt that values would show a further decline if stocks gain moderately. In the meantime, supplies were not large and were generally well held in most quarters at prices entirely free from shading last week.

Apricot.—Kernel oil was firm at the recent advances in prices and the market as a whole was in exceptionally firm position at all times and in all quarters. Production costs at higher levels have accounted for the present much stronger position of values.

Bergamot. — All information from Italy stressed the firm control of stocks and prices, as well as the lack of competitive influences at the source. Locally, values were considered by some to be too low, considering the prevailing prices of the Italian consortium. Fair demand ruled locally.

Camphor. — Prices on sassafrassy oil were higher at 19c. to 20c. per pound in drums, and 22c. to 23c. in cans. This movement was in line with the further strengthening of the primary market under the influence of reduced stocks and rising costs.

Capsicum. — Oleoresin was steady to firm. Raw material costs have been advancing of late, thus strengthening the position of the derived material and tending to reduce local competition. Demand was routine, but very steady.

Caraway.—Day-to-day call was normal in volume and reached a market that was firm in undertone and exceptionally steady as to prices. Stocks on spot were of moderate size, but sufficient to supply more than the current undertakings of the consuming trade.

Cardamom. — Production costs have risen sharply in keeping with an equally sharp rise in the cost of raw materials. Oil was advanced to $20 to $32 per pound, ruling according to seller and quality. Demand was for jobbing lots.

Cassia. — Although quotations were not advanced further, they were distinctly firm in all respects and clear of the competitive element. Replacement cables were well maintained in all quarters and offerings were not excessive in size.

Cedarleaf. — Stocks were low. Prices were higher at $1.05 to $1.10 per pound for drums, and $1.10 to $1.15 for cans. Little to nothing was obtainable from the primary market, conditions varying slightly according to seller at the source.

Cedarwood.—Southern material was higher at 23c. to 26c. per pound, quoted over that range according to container. Better demand caught the market not well supplied with goods. Oregon oil held free of quotable change.

Citronella. — The decline in prices noted recently has been checked at the source and on spot. At least, concessions were solely of a minor sort when made at all. Locally, quotations seemed to be somewhat steadier than they had been and competition was less prominent. Demand was very good.

Clove. — A strong market prevailed. Raw material was higher again last week. In view of the fact that producers were not entirely satisfied with the recently established price structure, continued advance in the cost of spice would probably be productive of a prompt rise in quotations on oil.

Dill. — Slightly more inquiry was noted and some sellers reported a moderate gain in sales. Prices were steady to firm in the absence of much competition.

Eucalyptus. — Demand had a tendency to slow down somewhat. The season of heaviest consumption is not far from an end and the trade has looked for a shrinkage in the call. The lessened interest, however, seemed to concern shipment parcels more than spot goods. Local stocks were still very small, and sales of future arrivals made earlier in the year, have been well sold into consumption.

Geranium. — Algerian oil was lower at $4.75 to $5.50 per pound, and the Bourbon article was shaded to $4.50 to $5.15. These movements of prices were in line with an easier replacement position that encouraged a more lively competition in local circles.

Ginger. — Distilled oil was higher at $6.50 to $7.25 per pound and in view of the strong position of raw material, further rise in quotations on oil of good quality was confidently predicted locally. Demand was very good.

Hemlock. — The article was one of strength that seemed to be increasing in parallel with a decrease of primary market offerings. Also, a supporting de-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Will You Be There When George Opens His First Oyster?

When George McGlynn, our amiable Treasurer and MM&R's No. 1 Banquet Greeter opens his first oyster at the ANNUAL DRUG AND CHEMICAL DINNER—will you be there to greet him?

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mand was more than enough to give prices a stronger tone generally.

Lavender. — This article seemed to be slightly easier on the whole. At least, a more competitive position has developed locally and hence prices were not quite so firm as they had been. Demand was moderate to fair most of the time, this contributing somewhat to the prevailing unsettlement. Reports of an unofficial sort received from England were to the effect that permission to plant six acres of land at Sandringham, the royal estate owned by King Edward the VIII when he abdicated, and since reported sold by him to the reigning monarch, his brother, had been granted for experimental purposes to assist the new industry in Norfolk. Excellent results have been obtained at Fring, a few miles from the royal estate, and experts predict similarly satisfactory results at Sandringham.

Lemon. — The market continued strong but the prices have stopped rising, probably for the reason that sellers have encountered substantial sales resistence from buyers for consumption. The advance was so rapid that sellers have been withdrawing from the market pending the re-establishment of conditions closer to normal. In the meantime, prices remained very firm.

Mace. — Values held very firm on the basis of the recent successive advances. The producers reported a well maintained market and indicated that demand has not been unsettled or checked by the present substantially higher price levels.

Nutmeg. — Price advances in the recent past have not had an adverse effect on consuming demand. The advances were well maintained in a very firm market and undertones were very steady late in the period.

Orange. — The market was very steady. Sellers reported good request within jobbing limits. Consumption has been checked somewhat by the higher values set in the Italian market. However, some fair sized quantities of West Indian oil have been sold on a price basis decidedly attractive when compared with the quotations on Italian goods.

Origanum.—Prices were exceptionally firm so far as Spanish goods were concerned. Stocks have not been replaced for some time and hence they were said to be distinctly conservative in size last week. Demand was routine and mainly for small quantities.

Peppermint.—The spot market was not better than steady. Absence of much demand for the article has not been productive of price weakness either on spot or in the primary market. Values seemed to be well held locally with sellers showing a disposition to await a resumption of consuming requirements along broader lines.

Palmarosa. — Quotations were advanced to $3 to $3.25 per pound late in the previous trading period. Production at the source has been reduced substantially, causing a sharp rise in the shipment price views of primary market shippers.

Sassafras.—Raw material costs were advancing last week and hence the price position of artificial oil was substantially stronger than it had been. Prices were higher at 39c. to 40c. per pound in drums, and 41c. to 42c. in cans.

Wormseed.—Sales were made on the spot at $2.65 to $2.75 per pound, depending on quantity. The market was exceptionally firm on the basis of the recent and several advances in quotations at the source and on spot. Demand continued to be very good.

Aromatic Chemicals

Anethol.—Prices were firm at the recent advance and demand proved to be a supporting element throughout the past week. Interest of manufacturing consumers has increased considerably of late.

Benzaldehyde.—Business of a routine sort prevailed last week. Buyers bought close to their actual requirements but such needs made a very fair sized total by the close of the period. Prices continued to be exceptionally steady.

Benzyl Alcohol.—Inquiry was not exceptionally active last week. For the most part, trading was along jobbing lines and hence volume was somewhat below normal level by the close of the period. However, prices remained generally steady.

Benzyl Benzoate.—Fairly good demand was noted. Sellers were steady in their price outlook and felt that requirements of consumers would continue to keep the market generally steady and well maintained.

Betanaphthol Benzoate.—Inquiry was somewhat irregular much of the time last week and actual volume of sales failed to gain substantially over that in recent periods. However, the movement was still considered to be very good and hence prices remained very steady.

Citral.—Interest in this article was substantial in size and held up well each day throughout the past week. There was little fluctuation in sales during the period under review and hence prices were generally on the firm side throughout the period.

Citronellal.—Offerings were substantial in size and available at prices generally attractive to buyers notwithstanding the fact that the cost of raw material has risen substantially in recent weeks. The fact seemed to be that something closely akin to over supply existed.

Diphenyl Oxide.—Very good request was reported in local circles. The requirements of some important consumers were said to have expanded of late, giving a lift to sales volume of this item and serving to keep prices to a firm basis.

Eucalyptol.—No less strong than in recent weeks, this article sold liberally and actively in substantial volume at full prices during the past week.

Geraniol. — Inquiry was possibly a trace less active than it had been. Buyers were not so often in the market and the quantities required by most of them were not large. However, competition was no more active than it had been and values remained fairly steady.

Heliotropine.—Producers reported a very firm market under the influence of a comparatively higher cost of production and a good demand from consuming channels.

Hydroxy Citronellol.—The market continued to be moderately easy under the influence of a more than substantial reserve supply of this item. However, quotations lacked quotable change, nor did reports suggest an early change in that aspect of the market.

Linalyl Acetate.—Very good demand existed throughout the past week. Orders were numerous for involved quantities of excellent size in many cases. Prices were steady to firm throughout the entire period.

Methyl Anthranilate.—Production in this country was more than sufficient to meet the requirements of manufacturing consumers. Plentiful supply at well stabilized prices continued to prevail and hence the market was declared to be very steady.

Methyl Cinnamate. — Soap makers were fair sized takers of this article last week and volume compared fairly satisfactorily with that in recent weeks. Prices proved to be very steady at $3.35 to $3.75 per pound, a level somewhat higher than had been noted.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Remember this important date*
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Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Equipment:—"Flash Drying System," published by the Raymond Brothers Impact Pulverizer Company, outlines and illustrates the Raymond method of pulverizing and drying materials in one continuous operation. It is used in the chemical and color-pigment industries for handling moisture-laden products, and is claimed to be more simple and economical than the ordinary rotary dryer equipment. **(485)**

Metal Protective:—"Sixteen Layers of Protection Against Corrosive Influences," is the title of a folder issued by the Ferrubron Metal Paint Company, describing "Ferrubron," a composition, the company states, in which the pigment particles are such that the flat irregular discs overlap one another like the scales of a fish, forming an elastic paint film impervious to moisture, and allowing from 16 to 20 layers of protection with only two coats of "Ferrubron" and yet not making a bulky paint structure. It is stated to be unaffected by heat, cold, brine, acids, alkali, ammonia, sulphurous fumes, and corrosive influence. **(486)**

Oils:—"Putty Oils, Caulking Oils, Paint and Varnish Remover," outlines the United Chemical Processing Company's "Unico" gum grade caulking oil, knife grade caulking oil, linseed wood sash putty oil and steel sash putty oil, and "Flexite" general caulking oil. **(487)**

Plastics:—"Pontalite," issued by E. I. du Pont de Nemours & Co., describes this new plastic which is a polymerized derivative of methacrylic acid, and may be obtained as a cast resin in the form of sheets, rods and tubes, and as a thermo-plastic moulding powder. In both forms it will be available in March next as a crystal clear product and in a wide variety of brilliant transparent, translucent, and opaque colors. The booklet discusses the product's physical, thermal, optical, electrical, chemical, and working properties, and also contains sections on compression moulding and injection moulding. **(488)**

Pumps:—Roots-Connersville Blower Corporation has issued Bulletin 260-B11B, which describes its line of type T turbine pumps, which have been on the market several years; and while the basic operating principle remains the same, numerous refinements have been included to provide for increased durability and improved performance. Illustrations show the driving arrangements which are available. **(489)**

Resins:—"Nevillite," issued by the Neville Company, describes a new product of this name as "a crystal-clear thermoplastic hydrocarbon which is extremely light-stable, being of original water-white color and having unusual resistance to after-yellowing influences." It is designed for coatings of maximum color retention, and, because of its excellent color stability, lends itself readily to the manufacture of long-lasting white enamels. Tests show that Nevillite will yellow less than chinawood oil. **(490)**

Resins:—"Vinsol Resin," issued by the Hercules Powder Company, describes this new type of resinous material made available by improved methods in the production of wood naval stores products from the wood of the Southern long-leaf pine. The booklet gives the physical and chemical characteristics of the resin and suggests uses. **(491)**

Safety Cans:—"Protectoseal Products," published by the Protectoseal Company, describes and illustrates fully its line of safety cans, the result, as the company states, of many years of experience and research by staff engineers in the art of controlling, storing and dispensing hazardous liquids. It covers laboratory cans, service cans, torch fillers, heavy duty field cans, portable cans for viscous materials, and other types, with price list. **(492)**

Terminals:—"Your Own Terminals Without Investing a Single Penny," is a twenty-four page brochure issued by the General American Tank Storage & Terminal Company, describing the company's great string of terminals, and the packaging, shipping, and storage facilities offered. **(493)**

Wood Preservatives:—"Before Rot Begins, put out by the Carbolineum Wood Preserving Company, describes "Avenarius Carbolineum" for the use on shingle roofs, vats, partitions, block floors, scale platforms, outside timbers, fence posts, and the like, the company stating that its application is simple and will double the life of the wood. It is composed of stable, permanent oils, which will not evaporate or leach from wood in a short time, but will remain almost indefinitely. **(494)**

Trade-Names and Brand-Names

Materials Used in Chemical Processing Industries

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Fifty-third Instalment

Kilfoam; antifoaming agent; American Chemical Products Company, Rochester, N. Y.

Kinetic; refrigerants and fire-extinguishing reagents; Kinetic Chemicals, Inc., Wilmington, Del.

King Appetite, food colors; Odelsa Manufacturing Company, Oklahoma City.

Kirimar; wood preserving agents; Alfred Smith, Ltd., Clayton, England.

Kiton dyestuffs; Clayton Aniline Company, Clayton, England.

Kjelgest potassium sulphate; Arthur H. Thomas Company, Philadelphia.

KK coaltar dyes and intermediates; Kalle & Co., Biebrich-on-Rhine, Germany.

Klarit; base for manufacture of decolorizers; Klarit, Ltd., Liverpool, England.

Kleanroll; liquid flux; E. I. du Pont de Nemours & Co., Wilmington, Del.

Klear Heat; reagent used in hardening of steel; Park Chemical Company, Detroit.

Klearit; decolorizing, deodorizing, and clarifying agent; Jennison-Wright Company, Toledo, Ohio.

Klearol (white mineral oil); for cosmetic and technical uses; L. Sonneborn Sons, Inc., New York.

Kleen-o-cil; contact insecticide; E. I. du Pont de Nemours & Co., Wilmington, Del.

Kleentex-Aid; soaps for dry cleaning; L. Sonneborn Sons, Inc., New York.

Klensolin; detergent; United Indigo & Chemical Company, Manchester, England.

Klenzit; benzin dry-cleaning liquid; Bachmeier Company, New York.

Klora-septol (sodium hypochlorite); Apothecaries Hall Company, Waterbury, Conn.

Kloro; bleaching fluid; American Kloro Products Company, Oakland, Cal.

K.M.S.; preservative for malt beverages; A. Boake Roberts & Co., London, England.

KM-CO bleaching compounds; Kali Manufacturing Company, Philadelphia.

Knox Freeze; antifreeze solution; Washington Products Company, Cincinnati.

Kodalk; moderate alkali for photographic use; Eastman Kodak Company, Rochester, N. Y.

Kodaloid; nitrocellulose sheets; Eastman Kodak Company, Rochester, N.Y.

Kodapak; softening adhesive for cellulose derivatives; Eastman Kodak Company, Rochester, N. Y.

Kold Aire (Solid carbon dioxide); Dohohoe's, Inc., Pittsburgh.

Kollag (Colloidal graphite); Pfaltz & Bauer, New York.

(To be continued)

American Potash & Chemical Corporation is planning to construct additional homes and a new club house for its employees at Trona, Cal.

Petroleum Solvents, Lubricants, Fuels

Industrial Buyers Purchase Solvents in Active Fashion—Prices Steady — Pennsylvania Crude Prices Advanced — Crude Output Reaches New Daily High Record

The purchasing of petroleum products used as industrial raw materials continued in good fashion last week. The manufacturers of surface coatings and the tire trade were active buyers of petroleum solvents and naphthas. Petrolatum was also an active mover to the pharmaceutical trade. Pricewise, the general position of the market was steady at the levels of the recent advances.

There were no further price increases in the tankwagon market for petroleum solvents. The general boost in the middle West and in the Boston and Providence markets a week ago were the latest price developments in the naphtha group. The Midcontinent bulk market did not change its position last week and one seller quoted unchanged prices against the higher postings of practically every other refiner.

More seasonable weather had a long over-due affect upon the gasoline market last week. And, at the same time, kerosene and fuel oils were favored by the colder weather conditions. Despite the lull on the buying side of the market, gasoline prices were not depressed and the general sentiment around the market, at least in local circles, was optimistic in view of the relatively short time before the Spring lift of consumption arrives. Kerosene was shadable in the local market and the low octane gasolines were also shadable in certain quarters.

Pennsylvania grade crudes and the Bradford-Allegany district crudes were advanced in price last week. The general crude oil market situation was firm and Secretary Ickes, speaking at the oil proration hearings in Texas last week predicted that he price of crude oil would continue to rise. Mr. Ickes based his statement on information he had received in connection with prospective market needs. He also told operators and refiners that the Federal Government had no intention of taking over and running the oil industry.

Daily average production of crude oil in United states for the week ended February 20 was 3,295,950 barrels, another new high record, and an increase of 9,900 barrels over the preeeding week's average. The average for four weeks ended February 20 was 3,249,200 barrels and the average at this time a year ago was 2,779,200 barrels, according to the estimates of the American Petroleum Institute. Runs of crude oil to stills during the week ended February 20 averaged 2,831,000 barrels for 78.4 percent of operation, according to the reports received by the A.P.I. and an additional 234,000 barrels were estimated to have been sent to stills for an estimated total of 3,065,000 barrels against 3,020,000 barrels in the preceding week.

New legislation introduced in Congress included a measure sponsored by Senator Capper of Kansas which would provide for repeal of the Federal taxes on gasoline and lubricating oils. Inasmuch as tax bills must originate in the House, the bill was introduced merely for the purpose of offering it as an amendment to any revenue measures that might come from the House to the Senate.

Solvents and Diluents

Prices for petroleum solvents and naphthas for industry held an even position last week, following the general increase in quotations throughout a large part of the country in the few preceding weeks. As reported previously, one Midcontinent refiner reported prices at the levels that had been in force for the past several months although most refiners advanced their prices last month. Demands broadened after the price increases and coupled with the normal seasonal increase around this time of the year, the movement of solvents into the hands of consumers was quite active.

Cleaners' Naphthas.—The Midwestern tankwagon market was in a firm position following the advance of 0.3c. per gallon at all marketing points in that sector a week ago. The Midcontinent refinery market was unchanged with 7⅜c. per gallon named for tankcar lots by one refiner and 7⅞c. per gallon named by others, both basis Group 3.

Lacquer Diluent.—The demands of the lacquer manufacturing industry continued broad. The Midcontinent tankcar market was generally quoted at 8⅞c. per gallon but one refiner posted an unchanged figure of 8⅜c. per gallon, a week ago.

Petroleum Thinners.—The advance in tankwagon prices throughout the middle West and also in Boston and Providence were well held last week. The Eastern refinery market was also firm at the recent increase in prices. The Midcontinent market ranged from 6⅜c. to 6⅞c. per gallon, basis Group 3, according to the seller. Only one factor posted the lower price.

Rubber Solvents.—The deliveries into Akron and other rubber products' centers continued in broad gallonage and the condition of the market was a steady one. The Midcontinent market was quoted at 7⅜c. to 7⅞c. per gallon, according to seller, basis Group 3.

Stoddard Solvent.—The 0.3c. per gallon increase in tankwagon prices throughout the mid-West a week ago was the latest price movement in the market for this solvent. The Eastern refinery market was in a firm position and the movement of supplies from local refinery points was quite active last week. The Midcontinent market situation was unchanged from a week ago.

V. M. & P. Naphthas.—In company with other solvents, most of the prices at tankwagon and tankcar delivery points were held at the recently advanced levels. At the Group 3 refinery market, however, one seller quoted the market for tankcars at 7⅜c. per gallon while other refiners quoted ½c. per gallon above that figure.

Markets at Other Centers

Chicago, Feb. 25.—The petroleum solvent and diluent business remained quiet as concerned features, but volume was comparatively well maintained. Inquiry has been coming along. Prices have held steady, with no change in the tankcar trade since the recent crude oil advance. Business in the paint trade was reported in fairly good proportions. Ruling prices in tankcar lots except as noted were (tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 16.1., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.8c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon.

Tulsa, Feb. 25.—The inquiries for petroleum solvents were coming into the market more freely than in the past few weeks and the movement was slightly larger last week. Prices were being well maintained at 7⅜c. to 7⅞c. for the various grades including V.M.P., cleaners' and Stoddard.

Lighter Fractions

The producers of butanes, hexanes and others in the light hydrocarbon group have not altered their prices, and, while the market was technically stronger because of the recent advances in prices for crude oil and other refined oils, the prices quoted for the light solvent fractions were the same as those in force for the past several weeks.

Butanes.—The Group 3 market continued in an unchanged position last week, as the sellers continued to quote the market at the long-standing basis of 2¼c. to 3¾c. per gallon for tankcar quantities, f.o.b. Group 3, according to the quantity used per month.

Heptanes.—The schedule in force was based at 9½c. per gallon for tankcars of mixed material and 10½c. per gallon for similar quantities of the normal grade.

Hexane.—The normal grade, testing 60-70° C., was priced at 10½c. per gallon for tankcars, and usual differentials were quoted for smaller quantities, basis Group 3. The laboratory grade remained at 16c. per gallon in drum cars, basis Group 5.

Pentanes.—Sharing the price steadiness with other materials in the light hydrocarbon group, this article continued at 9½c. per gallon for tankcar quantities of the normal grade and 12½c. per gallon for drum cars. The prices were f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—According to the reports from suppliers, there has been a fairly good business done in the latter half of February. Colder weather conditions might have been responsible for some of the improved business, and the movement in Congress to place an import duty on foreign oil may have been responsible for some. It has always been the experience of importers that, whenever attempts have been made to levy an import duty on oil, a livelier business resulted. There was no further progress on the O'Connor bills last week.

Paraffin Waxes.—The market did not hold the position of a week ago, and last week's general quotations were 2.65c. per pound for 122-124 A.m.p. scale and 2.70c. per pound for 124-126 melting point. These prices were those in force a fortnight ago and represented an off movement of 5 points from the market quotations of a week ago. The demand was fair last week, but insufficient to hold the market at the price that the leading sellers asked. The fully refined wax market was in a steady position throughout the week, and the prices were unchanged.

CHICAGO, Feb. 25.—The refined wax market holds steady, without much evidence of underlying change in any direction. Buying orders have been coming in moderately well, from both domestic and foreign sources. Ruling prices of representative sellers:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Feb. 25.—Several refiners of paraffin wax were already sold up for most of March and although quotations were unchanged at 2⅝c. to 2¾c. per pound for the 124-26 American crude the movement was about as large as can be reached in this field. Refiners were moving all of their production with one exception whose supply is being held for higher prices.

Petrolatum.—The contract withdrawals were reported as having been active last week and spot market interest was also lively. The market was strong in every quarter and with some sellers behind on deliveries, a general mark-up to the outer levels of the market's current price range was expected at any time. Some sellers were not offering at the lower levels of the market. Purchasing in February was substantially proportioned.

Outputs and Quotas

A comparison of Bureau of Mines calculations for February production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended February 20, follows:—

	B. of M. calculations.	State allowable.	Estimated output.
Okla.	581,900	581,900	608,250
Kans.	170,000	187,918	186,250
Texas	1,203,400	1,329,478	1,331,150
La.	225,100	235,700	242,100
Ark.	28,500	.....	27,350
East.	114,300	.....	115,000
Mich.	29,400	.....	29,900
Wyo.	41,900	.....	51,900
Mont.	14,700	.....	15,350
Colo.	4,500	.....	4,050
N. Mex.	81,600	92,600	97,350
Calif.	573,300	*551,000	586,700
Totals	3,068,600	.....	3,295,950

* Recommendation of Central Committee of California Oil Producers.

Fuels and Lubricants

The refined oil market in the Eastern section of the country did not possess much in the way of features last week. Pennsylvania lubricating oils were advanced as the crude went up but the gasoline market here was still subject to shading in certain directions. Kerosene was also shadable in the tankcar market. More seasonable weather gave kerosene and the fuel oils a brighter aspect in the closing half of the week. Spot market buyers of gasoline were purchasing close.

Tankwagon Price Changes

MIDDLE WESTERN TERRITORY:—Normal tankwagon kerosene prices were advanced 0.3c. per gallon throughout Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, North Dakota, South Dakota and Wisconsin, February 23. The advance was made by the Standard Oil Company of Indiana and sub-normal prices in the same area were advanced correspondingly.

Market Conditions

Gasoline.—The spot movement out of the local refinery points was mild last week. Jobber interest was light and the trade bought in hand-to-mouth fashion. Although there was talk of 6¾c. supplies of 62-63 octane material, the sentiment around the market was fairly optimistic in view of the approach of Spring consumption. The prices quoted by leading sellers were unchanged at 7c. per gallon for U. S. motor, 62-63 octane; 7¼c. per gallon for U. S. motor, 65 octane; and 7½c. per gallon for branded qualities. All of the aforementioned prices were for tankcars at refinery. Export prices at the U. S. Gulf were unchanged last week with quotations as follows:—U. S. motor, 5⅝c. per gallon; 60-62, 400 e. p., 5¾c. per gallon; 60-62, 390 e. p., 5⅞c. per gallon; and 64-66, 375 e. p., 6c. per gallon.

The State of the Petroleum Market

Prices for Bradford-Allegany and Pennsylvania grade crude oils were advanced last week. Gasoline at the refinery points continued unchanged. Retail gasoline prices were unchanged; tankwagon kerosene prices advanced 0.3c. throughout the Middle West.

	Feb. 26	Feb. 19	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.376	$1.354	$1.252
Gasoline prices at refineries (at four refining centers) per gallon	.05375	.05375	.0553125
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1926	.1926	.1907

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

White Oils ~ All Grades
PETROLATUMS
DI-BUG PYRETHRUM PRODUCTS
SHERWOOD PETROLEUM CO., Inc.
REFINERY — WARREN, PA. BUSH TERMINAL — BROOKLYN, N. Y.

NEUTROLEUM
ALPHA . . . GAMMA
Aromatic concentrates that neutralize and perfume. For use in fly sprays and all other preparations based on Petroleum distillates.
Write for detailed information
FRITZSCHE Brothers, inc.
816 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG.
76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL

Kerosene.—There were still reports around the market that tankcar prices could be shaved ¼c. per gallon in certain directions. The prices named by the leading refiners continued at 5¾c. per gallon for 41-43 water white material in tankcars at the refinery points. The demands were irregular and the jobber purchases were light. There has been no change in the export situation and quotations were named at 5c. per gallon for prime white and 5¼c. per gallon for water white.

Fuel and Gas Oils.—Fuel oils improved their position in the latter part of the week because of the more seasonable weather conditions. In the early part of the week, however, the market appeared a little draggy and there were rumors of price shading. Marine oils continued steady with bunker C oil at $1.20 per barrel.

Lubricating Oils.—Pennsylvania oils advanced again last week. Prices were raised before and after the Pennsylvania crude boost and the market was very active. The month of February has been usually a slack month but the sales in the foreign and domestic markets last month were very heavy. Regular pour bright stocks were now posted at 27½c. per gallon. The cylinder oils were as follows:—600 fire, 20c.; 600 flash, 22c.; 630 flash, 24c.; 635 fire, 20½c.; 650 fire, 21c; and Warren E, 22½c. per gallon. All of the aforementioned prices included Federal tax.

Crude Oil Price Changes

Pennsylvania

The Joseph Seep Purchasing Agency of the South Penn Oil Company advanced Bradfor-Allegany crudes 22c. per barrel and Pennsylvania grade crudes 10c. per barrel, February 24. Prices were now as follows:—In Eureka lines, $2.37 per barrel; in South West Penn lines, $2.42 per barrel; in Buckeye lines, $2.22 per barrel. Bradford and Allegany oil in Bradford Transit lines, $2.67 per barrel.

The Pennzoil Company increased the prices for lower district Pennsylvania crude 10c. per barrel to the basis of $2.62 to $2.67 per barrel. The change was made February 24.

Markets at Other Centers

Tulsa, Feb. 25.—A seasonal transitory phase, typical of this time of the year, affected trading in the refined oil. There was little interest in the gasoline market due to heavy snows in the north central west and distributors stocks of furnace oil were watched closely due to the approach within the next few weeks of the termination of the heavy consuming season of heating oils. Probably due as much to this condition as any other, nearly all products were unchanged in price last week.

As compared with this situation, however, the high level of manufacturing activity again caused widespread interest in the heavy fuels used by industrial plants. Inquiries during the week came from two sources, large industrial consumers and railroads. The latter have been persistent bidders for heavy fuels above their maximums in contracts ever since the first of the year and appeared to be as anxious to obtain supplies as any time since the market began to tighten up in the early part of the year.

The kerosene market was still tight. Prices, however, were unchanged although the less material appeared at the minimum quotations. With the exception of the softness of gasoline and the slow movement of this product, the market throughout all product appears to be in a very strong situation with the volume of trading large and shipments at a high rate.

GASOLINE (refinery).—Most of the trading in the third grade U. S. motor in the spot resale market was at 4⅝c. per gallon, although there was considerable movement below this quotation. Some plants were granting concessions from ⅛c. to ¼c. for quick shipments. The 65 octane ranges from 4⅞c. to 5½c. while the 67 octane was 5⅛c. to 5¾c. per gallon. The 68 octane ranged from 5¼c. to 6¼c. while the 70 octane was quoted at 6½c per gallon.

GASOLINE (natural).—Prices were unchanged and the demand was absorbing the current output. The 26-70 grade was quoted 3½c. to 3¾c. per gallon in Texas and Oklahoma, respectively. The 18-pound was 4.20c. to 4½c. per gallon and 22-pound 3.85c. to 4½c. per gallon.

KEROSENE.—The lowest quotations in the resale spot market this week were 4½c. per gallon for the 41-43 grade while the 42-44 was quoted 4¼c. to 4⅜c. per gallon.

DISTILLATES.—Prices in these products were unchanged, the No. 1 grade of 38-40 prime white being traded at 4½c. either in the resale spot or in the contract market. Other grades No. 2 and No. 3 ranged from 3¾c. to 4c. per gallon for the light straw while the dark products were available at 3¾c. per gallon.

FUEL OIL.—Quotations were unchanged but the supply was materially less than at any time this season. There have been large inquiries placed here for the heavier grades and consumers were taking the low gravities and low viscosities freely. Several refiners were out of the market. The grades below 15 degrees sell for 80c. per barrel while the 24-28 ranged from 85c. to 95c. for the high cold test and from $1.07½ to $1.15 for the low cold test of zero grade.

LUBRICRANTS—These products were still in large demand and refiners have had no difficulty in moving all of the production at the higher quotations recently established.

Chicago, Feb. 25.—Considerable irregularity present in the refinery gasoline market. As a whole, tankcar prices of gasoline have not shown much reflection of the recent crude oil prices. This is creating a condition in which some small refiners are declining to sell material, and even shutting down their plants. Jobbers are withholding their orders except for small amounts currently needed. Kerosene remains a strong spot, and is offered in strictly limited lots. The distillates and gas oils are steady, with no particular feature noted. Heavy fuels are actively sought by large number of industrial buyers. Railroads are among them. Lubricating oils hold steady to strong.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; middle octane motor, 5⅛c. to 5¼c.; high octane motor, 5¾c. to 5⅞c.; 60-62, 400, 4¾c. to 4⅞c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4⅜c. to 4½c. per gallon; 41-43, water white, 4¼c. to 4⅜c.

FURNACE OILS.—No. 1 prime white, 4c. to 4½c. per gallon; No. 1 straw, 3¾c. to 3⅞c.; No. 2 straw, 3¾c.; No. 2 dark, 3⅝c. to 3¾c.; 32-36, dark industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 3, 3½c. to 3¾c. per gallon; No. 4, $1.10 to $1.15 per barrel; No. 5, 87½c. to 92½c.; No. 6, 80c. to 85c.

New Orleans, Feb. 24.—Steadiness was reflected in domestic quotations last week with prices stationary. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 6⅛c. U. S. motor below 62 octane at 6⅛c.; 63-67 octane at 6½c. and 68-70 octane at 7c., all per gallon at refinery.

Kerosene remained unchanged at 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at $1 per barrel at terminal and $1.05 per barrel delivered alongside, while industrial plants were quoted on a basis of $1.41 per barrel, delivered.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937	1936
	Jan. 1-Feb. 27	Jan. 1-Feb. 27
Commercial crude oil production	185,109,000	161,811,000
	Week ended Feb. 27, 1937	Week ended Feb. 29, 1936
Daily average production	3,280,900	2,770,800
	Week ended Feb. 20, 1937	Week ended Feb. 20, 1936
Estimated motor fuel stock total	74,798,000	73,585,000
Estimated finished motor fuel stock at refineries	48,056,000	46,809,000

Obituaries

Frank E. Bliss, a retired manufacturing chemist, of Upper Montclair, N. J., died February 22 in the Mountainside hospital, Glen Ridge, N. J. He was seventy-five years old. Mr. Bliss was a native of Brooklyn, N. Y. Surviving are two sons, Howard G. Bliss, with whom he lived, and Dr. Walter P. Bliss, Pasadena, Cal.

H. Charles Ehrenfels, retired official of the Standard Oil Company of Louisiana, died in a hospital in New Orleans, February 18, of a heart ailment, after an illness of two months. He was sixty-five years old. Born in Chicago, Mr. Ehrenfels, after attending public schools, joined the Standard Oil Company of New York and was sent to Batavia, Java. He spent 25 years in the Orient. Soon after the World War he was transferred to Baton Rouge as manager of the marine department. Surviving is his wife, the former Miss Camille D'Evelyn Johnston, of San Francisco.

William J. Grove, president of the Grove Lime Company, Lime Kiln, Maryland, died February 23 in a hospital in Frederick, Maryland, where he had been confined for two months. He was eighty-two years old. Mr. Grove came of a family that settled in Maryland in 1772, and succeeded his father in the presidency of the lime company. He held membership in several patriotic societies and was instrumental in having the Antietam battlefield, on the Monocacy river, set aside as a national shrine.

William M. Howard, for thirty-eight years associated with E. I. duPont de Nemours & Co., managing their plants in the Bradford, Pa., district, died in his home in that city February 25 on his fifty-sixth birthday.

Ernest Henry Licht, for twelve years professional detail expert of the Winthrop Chemical Company, Brooklyn, and formerly manager of the Pfister-Sitterly Drug Company, died February 23 in his home in Brooklyn. He was fifty-seven years old. Surviving are his wife, Mrs. Marie Hilker Licht, two sons, two brothers and a sister.

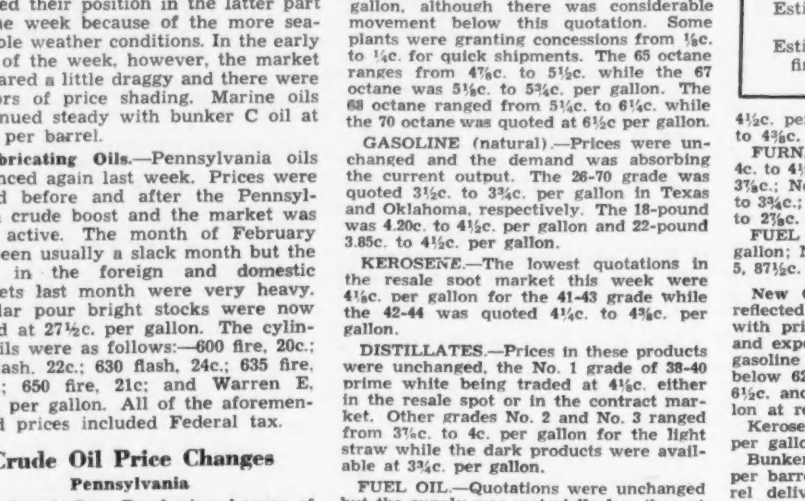
David W. Moore, last of the glass manufacturers who for many years provided Clayton, N. J., with its principal industry, died in his home in that city February 23. He was seventy-three years old. Surviving are two sons, Herbert Moore, Clayton, and D. Wilson Moore, Rutherford, and two daughters, Miss Emma Moore, Clayton, and Mrs. Katherine Mackensie, Willowgrove, Pa.

Frederick A. Ray, drug manufacturer, and for nine years postmaster of Herkimer, N. Y., died in his home in that city February 19. He was sixty-five years old. A native of Maryland, N. Y., Mr. Ray taught in rural schools, and became a salesman for the G. F. Harvey Drug Company, Saratoga. He later became secretary and a director of the Sauer Drug Corporation of Herkimer. He was appointed postmaster by President Wilson in 1913 and served until 1922. Surviving is his wife, Mrs. Ethel Elizabeth Tubbs Ray.

Philip Sengel, president of the Gambrinus Cooperage Works, Louisville, and a manufacturer of barrels for sixty years, died February 21 from an infection growing out of the freezing of his feet in fleeing from the flood. He was eighty-two years old.

George M. Snow, a former official of E. I. du Pont De Nemours & Co., and the Badische Company, died in Providence, R. I., February 22. He was seventy-seven years old. He was vice-president of the Peoples Savings Bank of Providence. Surviving are his wife, the former Miss Florence L. Bradford, of Utica, N. Y., and three children.

Harry Nelson Vinall, senior agronomist in the United States Department of Agriculture, died February 22 in his home in Washington. He was fifty-seven years old, a graduate of Kansas State Agricultural College and Cornell University. His wife survives him.



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Decatur Des Moines Milwaukee Minneapolis Oklahoma City Omaha St. Louis Tulsa

Refinery: Cushing, Oklahoma

Petroleum Refining Made Gains in 1935

(Continued from page 5)

Principal Materials Consumed, by Kind and Quantity

	Quantities, 1935.
	Barrels of 42 gallons.
Crude petroleum	1,057,613,633
Partially refined oils, tops, waxes, etc.	55,235,940
Natural gasoline, total	54,596,695
Purchased	38,452,262
Extracted and used	16,144,433
	Tons (2,000 pounds)
Soda ash	11,212
Sulphuric acid—	
Purchased and produced in plant	707,425
Reclaimed and reused (50°)	220,538
Caustic soda	80,857

Fertilizer Materials

Dealer Interest in Mixed Goods Broadens—Nitrate Moves Faster —Organics Continue Soft—January Tag Sales Largest in Seven Years

Although the season is apparently late, dealer interest in mixed goods broadened during the past week and improving weather conditions sponsored further soil preparation in the South. The raw materials markets were more or less idle insofar as new business was concerned. Nitrate of soda was moving from the ports to interior points in better fashion and there was a sustained interest in sulphate of ammonia on the part of the smaller and intermediate-sized buyers. The few changes in price that took place during the week in the organic ammonia group were on the down side of the market, centering principally among the packing-house by-products. Potash materials were very quiet during the period under review and while a revival of interest was expected for the first half of this month, the lateness of the season may delay the buyers' interests in purchasing additional supplies for fill and dressing.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Blood, dom., 10c. per unit.
Nitrogenous material, dom., west., 10c. per unit.
Tankage, dom., ungr., New York, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
64.0	64.0	64.0	58.4

Market news that may have developed after this report was sent to press will be found on page 4.

Fertilizer tax tag sales in 12 Southern states as reported to the N.F.A. by State control officials totaled 415,738 tons, the largest tonnage reported for any January since 1930 and an increase of 22 percent over January, 1936. Eight of the reporting states registered increases over last year, with Virginia and South Carolina showing the largest rises in tonnage. In the last three years January sales in the South accounted for 8.6 percent of the year's total.

The accompanying table shows January sales for the South and Mid-Western states, comparisons with January for the past two years and a comparative record for the July-January period.

Ammoniates

Nitrate of Soda.—There has been a noticable improvement in the demands against contracts and nitrate moved from the ports to interior points in rather good volume last week. Prices continued steady at the levels of the schedule. Analysis of the 124,840 long tons of "other nitrogenous chemicals" (interpreted as chiefly nitrate of soda) exported in 1936, showed Japan as the largest foreign buyer with shipments of 26,913 long tons to that country. Other large buyers were:—Egypt, 22,328 long tons; Canada, 18,448 long tons; Denmark, 11,037 long tons; Spain, 10,888 long tons; and South Africa, 7,000 tons. Loading of an export delivery of nitrate, bound for Spain, was held up last week as the result of a protest from the crew of the 4,000-ton British steamer Linaria due to sail from Hopewell at an early date. Although it was understood that the sales agents of the domestic producers were advised by Washington officials that the delivery of nitrate to Spain was not illegal, the freighter's crew threatened a "stay-in" strike and would not move the vessel until they received a ruling from the British Board of Trade on the question as to whether or not the cargo was considered a war material.

Sulphate of Ammonia.—Despite the fact that sulphate buyers took in most of their estimated needs early in the season and notwithstanding the liberal exercise of the advantage of buying at lower prices than those in effect since the beginning of last month, there has been a fairly good call for sulphate supplies in the past two weeks. Much of it comes from the smaller and intermediate-sized buyers. Prices were held in a firm position at the schedule. A compilation of the monthly imports for consumption in 1936 totaled 171,665 short tons against 88,549 tons in 1935 and 207,537 tons in 1934. Exports in 1936 were 118,476 tons against 87,837 tons in 1935 and 28,704 tons in 1934.

Dried Blood.—The domestic markets continued to sag. Asking prices at New York and Chicago were each reduced 10c. per unit last week to the basis of $3.90 per unit at either place. There was no interest shown. At these prices sellers could not make much of an impression on the buyers who purchased in the early part of the season at low prices and who were now coming into the market for fill-in requirements. Imported material for April shipment from abroad remained at $3.90 per unit, c.i.f. but the West Coast buyers were reported able to do $3.80 per unit.

Castor Pomace.—The domestic article continued at $23 to $24 per ton, f.o.b. shipping point, with the price dependent upon where the supplies were located. Stocks were light. As reported previously, the European sellers were understood to have been committed on their exportable supplies for some time ahead and it was the impression around the market that the distribution of the foreign article will be in much the same position as last year.

Fish Scrap.—There was not much change in the position of the market last week. Japanese sardine meal was nominally quoted around $52 per ton for shipment from abroad and the suppliers in the Far East were not particularly disposed to offer this side of April shipment. Spot stuff was worth around $55 per ton. Domestic menhaden meal, where available, was around $58 to $60 per ton nominal. Baltimore reported that herring scrap was named around $4 per unit, when-and-if-made, with buyers bidding around $3.50 per unit for the ammonia.

Hoof Meal.—The Chicago market continued in an unchanged position and without much interest on the part of the buyers. Quotations were $3.25 per unit.

Nitrogenous Material.—Producers in Carrollville offered material at $3.40 per unit, 10c. cheaper than previously, but they had little to sell. The market at Chemical was nominally quoted at $3.60 per unit and the Norfolk position was also nominal at $3.90 for spot.

Tankage.—Although the price of ground material remained nominally at $4 and 10c. per unit-ton in New York, unground moved down 10c. to the basis of $3.90 and 10c. per unit-ton. There was very little interest from the buyers. Feeding material in Chicago was quoted at $4 to $4.10 and 10c. per unit-ton last week against $4 to $4.25 and 10c. a week ago. There was no change in the position of the fertilizer grade in Chicago with $3.75 and 10c. per unit-ton quoted.

Potashes

The potash materials' market continued along the course that had been expected. The month just ended was a very quiet period in the market but the sellers expected a little more interest during the coming week or two as the buyers are in better position to gauge their fill-in needs. The lateness of the season may delay things until later in the month. Prices continued without change. A compilation of the monthly import records revealed a total of 487,694 tons of potash materials imported for consumption in 1936 against 583,046 tons in 1935 and 463,565 tons in 1934. The types of potash salts imported in 1936 compared with 1935, were as follows:—

	Tons— 1936.	1935.
Muriate	235,960	262,370
Kainit, 14 percent	1,617	1,845
Kainit, 20 percent	57,677	81,043
Manure salts, 30 percent	39,054	95,568
Sulphate	59,578	70,820
Magnesia sulphate	13,605	25,876
Nitrate	79,924	45,257
Other potash	279	272

Phosphates

The market lacked an important performance last week. There was a mild interest in the bone phosphates but otherwise there has been not much concern in new purchasing. Superphosphate sellers were still talking in a strong vein, particularly as regards next season.

Bone Materials.—There was no change in the position of foreign or domestic bone products last week. Buyers evidenced a mild interest in the market and the supplies were light in virtually every direction.

Phosphate Rock.—Florida rock miners continued to quote prices at unchanged figures. There has been practically no new business booked in the past several months as the buyers entered into long-term contracts at the time of the crash of prices about a year ago. Export bookings have been good.

Superphosphate.—The market continued in a steady position with the demands against contracts proceeding in routine, seasonal style. The producers were still talking of a stronger position for the coming season.

Sulphur and Pyrites

Latest reports from Austin indicated that there had been no further progress on the Graves bill since it was reported out of committee a week ago. The Graves measure provides for an increase in the severance tax on sulphur in Texas to the rate of $2 per ton. The present tax is $1.03 per ton. The market for crude sulphur was routine last week with prices held in an unchanged position. Much of the attention of the sulphur suppliers was centered last week upon the annual convention of the paper industry in New York.

Total United States production of sulphur in 1936, according to an advance summary by the Bureau of Mines, was 2,015,231 long tons, a gain of 23 percent over the 1,632,590 tons produced in 1935. Shipments increased from 1,634,990 tons to 1,967,713 tons.

Markets at Other Centers

Atlanta, Feb. 25.—Trading in fertilizer materials was chiefly in organic ammoniates, with most materials of this kind scarce, an exception being cottonseed meal. Both nitrate of soda and sulphate of ammonia were reported beginning to move again. Blood, tankage, nitrogenous and fish meal were very scarce, and very little of these materials has been reported sold recently.

Better weather favored land preparation and dealer interest in manufactured goods.

Quotations of this market were as follows:—

SUPERPHOSPHATE.—$11.30 per ton, interior producing points.

NITRATE OF SODA.—$25.50 per ton, bulk, port basis.

SULPHATE OF AMMONIA.—$26 per ton, ports and producing points.

COTTONSEED MEAL.—7 percent grade, $34 per ton, interior mill points.

NITROGENOUS.—$4 and 10c. per unit, midwest; $4.35 foreign, port basis.

BLOOD.—Foreign, port basis, $4.25 per unit; $4 midwest.

Baltimore, Feb. 25.—Though quiet continued in the market here for crude fertilizer materials, firmness prevailed, with scant offerings of most items on the list and with indications that positive shortages may develop before the buying of mixtures gets actively under way. The current quotations on crudes were about as follows:—

FISH SCRAP.—Herring scrap at $4 per unit-ton was level at which the sellers might consider offers on a when-and-if-made basis; bids were around $3.50 per unit-ton. There was some Florida scrap at $45 per ton, but delivery was considered too late. Sardine meal was held at $55 and some has been sold at $52 per ton. Menhaden meal was reported from $58 to $60 per ton.

TANKAGE.—Good feeding grade was quoted at $4.20 and 10c. to $4.40 and 10c. per unit-ton, with fertilizer material at $4 and 10c. per unit-ton.

BLOOD.—Spot stocks were quoted at $4.20 to $4.25 per unit, c.a.f. basis Baltimore, while South American supplies to arrive ranged from $4 to $4.10 per unit.

SUPERPHOSPHATE.—There was a marked tightness in this product, with predictions by producers that the quotations may be expected to be higher next season.

NITRATE OF SODA.—The development of the past week did not give rise to any change in the market.

NITROGENOUS MATERIAL.—This prod-

Fertilizer Tag Sales: January

	P.C. of	Equivalent tons* January			P.C. of	July-January		
South—	1936.	1937.	1936.	1935.	1936.	1936-37.	1935-36.	1934-35.
Virginia†	202	40,202	19,896	33,718	124	164,564	132,250	128,321
North Carolina	113	111,323	98,568	105,038	119	214,960	181,114	173,711
South Carolina	147	64,313	43,750	40,474	143	113,251	79,328	82,455
Georgia	110	47,136	42,975	23,139	142	79,234	55,951	39,948
Florida†	111	69,203	62,105	51,133	128	336,540	262,946	260,065
Alabama	119	26,450	22,150	20,300	108	33,750	31,250	27,250
Mississippi	211	32,187	15,250	16,249	152	40,323	26,500	18,638
Tennessee†	93	2,300	2,475	3,469	131	31,190	23,771	20,195
Arkansas‡	1	44	6,650	3,400	54	5,169	9,550	4,000
Louisiana†	66	11,645	17,624	10,950	105	38,340	36,417	31,651
Texas†	96	9,235	9,600	11,805	111	21,502	19,457	19,388
Oklahoma	227	1,700	750	1,455	158	2,775	1,755	1,760
Totals, South	122	415,738	341,793	321,130	126	1,081,598	860,289	807,382
Midwest—								
Indiana	282	7,125	2,525	3,872	139	145,707	105,050	80,143
Illinois	128	4,175	3,256	581	170	19,338	11,370	6,206
Kentucky	55	2,763	4,980	4,205	139	25,306	18,246	15,596
Missouri	29	2,536	8,623	1,217	146	71,424	48,870	37,433
Kansas	300	45	15	120	159	10,125	6,379	4,782
Totals, Midwest	86	16,644	19,399	9,995	143	271,900	189,915	144,160
Grand totals	120	432,382	361,192	331,125	129	1,353,498	1,050,204	951,542

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 31,256 tons of cottonseed meal for July-January combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

CRUDE SULPHUR
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Wiley & Co., Inc.
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Specializing on analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

uct was still quoted at $3.60 to $3.75 per unit-ton.

GARBAGE TANKAGE.—Quotations were $8.25 to $8.50 per ton, f.o.b. shipping point, which makes the range at Baltimore approximately $12 to $12.50 per ton.

POTASH.—Uneventfulness characterized the market.

BONE.—Quotations were $36 to $38 per ton for 4½ and 50 raw and $26 to $28 per ton for 3 and 50 ground steamed stocks.

Chicago, Feb. 25.—Divergent price movements have again been noted in the fertilizer materials market, with the average for the market as a whole about unchanged. The blood market has just about been marking time, with no pronounced tendency in either direction. Buying is not very active currently. The tankage market has been able to hold its own without much difficulty. Some trade reports now current seem to reflect considerable firmness. Bone materials are slow and dull, with no major changes noted. Inquiries were fair in some of the materials.

BLOOD.—Principal grade, $3.95 to $4.05 per unit of ammonia.

TANKAGE.—High grade, $3.70 to $3.80 and 10c.; low grade, $19 to $20, Middle West; liquid stick, $2.25 to $2.50; hoof meal, $3.25 to $3.35.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $21; 3 and 50 percent, $21 to $23; 4½ and 60 percent, $28 to $30; grinding hoofs, pigs' toes and waste horn materials, $22 to $23; junk and hotel kitchen bones, $21 to $23; cattle jaws, skulls and knuckles, $30 to $31; pork cracklings, soft pressed, $65 to $70; beef cracklings, soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 87½c. to 90c.

San Francisco, Feb. 24.—Strike-bound fertilizer materials continued to be released to a market already somewhat congested and confused last week as buyers and sellers worked over the matter of straightening out the tangle of shipping schedules and deliveries. Rumors of substantial parcels of resale lots brought to light because of a combination of the freeze and strike, were continually heard here last week, but actual lots themselves were hard to identify, either as to commodity or seller. For the most part the main problems in this regard would pertain to the Los Angeles market. In the meantime, prices reflected but little, if any, change last week. Interest here was good in Japanese fish meals for shipment from the Orient, Domestic organics lacked interest in general. Argentine blood was quoted, and there were reports of some light trading.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.50 per ton; bulk lots, $26 per ton, all ex vessel San Francisco/Oakland.

AMMONIA SULPHATE.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles, and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices good for delivery to June.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

POTASH NITRATE.—100-pound bags, $33 per ton, ex vessel or warehouse, San Francisco/Oakland.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, 75c. per unit in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal quoted at $53 per ton, prompt to deferred shipment, f.o.b. cars, Monterey/San Francisco. Japanese meal is quoted on the basis of $39 to $41 per ton for fertilizer grade, ex dock, San Francisco.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, is quoted at $3.65 and 10c. per unit-ton, f.o.b. cars, San Francisco and Los Angeles, nominally. Dry rendered, domestic ground, quoted at $1 per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 87½c. per unit.

BONE MEAL.—Domestic steamed meal, quoted according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD.—Domestic quoted at $3.75 to $3.80 per unit, f.o.b. cars, San Francisco and Los Angeles, nominally. Argentine, $3.80 per unit, c.i.f.

Safety Rules Outlined For Chemical Workers

(Continued from page 5)

the reasons, and, if possible, be familiar with the simple chemistry and physics of his job, and not be afraid to ask questions; but he should never experiment without the advice of proper authority.

Chemical control should not be treated lightly. Any changes to be made in the chemical process should take place only after the careful consideration and direction of those competent to make such changes.

Informing Others

When leaving his work, or outlining his duties to another at the termination of his shift, the chemical worker should fully familiarize his successor with the condition of the equipment and the status of the chemicals in process. This should be in writing in a log book of operations. By no means should he leave any questionable condition whereby his fellow worker may meet with a mishap. It is his full responsibility to live up to this and to consider it as sacred as anything in life. The slightest deviation from this practice, whether deliberate or otherwise, has meant disaster to chemical workers and monetary loss to plant owners.

No 'Monkey Business'

The chemical plant is no place for "monkey business" or horseplay. It must be remembered that the practical joker in chemical work may be a potential killer.

I have known chemical workers deliberately to plug condensers in order to see if their fellow workers could quickly discover and locate the trouble. Such methods should not be resorted to, even with only water in the equipment.

Safest Way Best

The chemical worker should thoroughly appreciate the fact that safety is sacred, that the safest method is generally the best method, and that the best method always embraces the safest way.

(Reprints of Mr. Shaw's address in full may be obtained from the National Safety Council, 20 North Wacker drive, Chicago.)

United Carbon and Phillips Start Carbon Black Plant

The Moore County Carbon Company has been organized to operate a carbon black plant at Sunray, Moore county, Texas, owned jointly by the Phillips Petroleum Company and the United Carbon Company. Construction of the plant, which will embody the newest features in design, is well under way. Material and new equipment is being shipped to the new location from some of United Carbon Company's idle plants in Louisiana and Montana, as well as from Magnolia Carbon Company's plant near Pampa, Texas.

The new plant will have a capacity to consume about 30 million cubic feet of gas per day. It is also planned to install dustless equipment of the latest type. A second 24-inch natural gas pipe line to be constructed by Phillips will make the sour gas from Moore County available for black production.

Soda Nitrate Exports To Spain Not Banned

WASHINGTON, Feb. 24, 1937.

There is nothing in the neutrality law to prohibit shipments of nitrate of soda to Spain, the Arms and Munitions Control Board of the Department of State has ruled in response to an inquiry by the Barrett Company, New York. The company has been told that no permit is required to make such an exportation.

Although nitrate of soda can be and has been used in the manufacture of certain explosives, the nitric acid employed in such processes is no longer derived substantially from the soda compound. Exemption of the nitrate from the ban on munitions is based on the official attitude that the major use of this chemical is as a fertilizer.

The British crew of the steamer on which the nitrate is to be shipped has refused to carry the cargo. The United States Government has no interest in this aspect of the matter, but the Department of State is watching the effect of the international embargo of Spanish ports, which will become effective March 6. Details of the embargo are not yet known; it may prevent delivery of the nitrate, but the United States will not stop shipment.

N. J. Zinc Company Elects F. N. Spencer a Director

Frank N. Spencer, executive vice-president of the New Jersey Zinc Company was elected a director of the company at the annual meeting held, February 24. He has been associated with the company for more than twenty years. Mr. Spencer, was born in Toledo, Ohio. He was graduated from Princeton in 1905 with the degree of civil engineer. He became affiliated with the New Jersey Zinc Company in 1916 as assistant to the general manager. He has been in turn assistant general manager of manufacturing, general manager of manufacturing, and vice-president, assuming the last post in 1927. In the Summer of 1936, Mr. Spencer was made executive vice-president. He is a member of the American Institute of Mining and Metallurgical Engineers, and an associate member of the American Society of Civil Engineers.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, ARSENOUS—25 bbls, Innis, Speiden & Co, Estrella, Marseilles
125 bbls, Philip Bauer Co, Estrella, Marseilles
NAPHTHENIC—49 bbls, Socony Vacuum Oil Corp, Deutschland, Hamburg
100 dms, Petroleum By Product Co, Executive, Constanza
99 dms, Shell Union Oil Corp, Executive, Constanza
77 dms, Executive, Constanza
SILICOFLUORIDE—150 crbys, 24,750 lbs, Deutschland, Hamburg
SOYBEAN—85 bbls, I R Boody & Co, Volendam, Rotterdam
STEARIC—89 bgs, Binney & Smith Co, Volendam, Rotterdam
200 bgs, Century Stearic Acid Candle Co, Volendam, Rotterdam
VEGETABLE OIL—91 bbls, Volendam, Rotterdam
AGAR AGAR—10 bls, S B Penick & Co, Taian, Kobe
ALBUMEN, BLOOD—10 bbls, Morningstar, Nico\, Deutschland, Hamburg
1 ck, Rawlplug Co, Scythia, Liverpool
EGG, HEN—28 cs, Bridges, Neumer & Co, Noshiro, Tientsin
56 cs, Wood & Selick, Noshiro, Tientsin
56 cs, Stein, Hall & Co, Noshiro, Tientsin
28 bbls, American Cyanamid & Chem Co, Noshiro, Tientsin
66 bbls, J Lowe Corp, Kongo, Kobe
28 bbls, Consumers Import Co, Kongo, Kobe
ALLYL BROMIDE & ALLYL CHLORIDE—12 crbys, 1,007 lbs, Gane Chem Works, Pipestone County, Havre
ALLYL CHLORIDE ISOPROPYL BROMIDE—5 dms, 6,116 lbs, Hoffmann La Roche, Pipestone County, Havre
5 dms, Hoffmann La Roche, Independence Hall, Havre
ALMOND FLOUR—1 cs, Lo Curto & Funk, Exochorda, Marseilles
ALOE—190 cs, Carabobo, Aruba
ALUMINUM LEAF—35 cs, Bradley & Baker, Gerolstein, Antwerp
23 cs, F P Gaskell & Co, Bremen, Bremen
AMMONIA, SULPHATE—500 bgs, Bradley & Baker, Volendam, Rotterdam
AMMONIAC SAL—12 cks, Bristol City, Bristol
20 cs, Solvay Sales Corp, Scythia, Liverpool
ANISE—20 bgs, 2,235 lbs, Exchester, Seville
27 bgs, Estrella, Marseilles
ANNATTO SEED—1 bg, O Gerdau Co, Haiti, Kingston
26 bgs, L E Ransom, Haiti, Kingston
300 bgs, D Steengrafe, Haiti, Kingston
75 bgs, D Steengrafe, Santa Clara, Guayaquil
50 bgs, Barclay Bank, Toloa, Kingston
ANTIMONY—500 bgs, Watson, Geach & Co, Siboney, Vera Cruz
CRUDE—20 kegs, Gerolstein, Antwerp
ORE—610 bgs, National Lead Co, Western World, Buenos Aires
OXIDE—250 cs, National City Bank, Kongo, Shanghai
REGULUS—250 cs, Harshaw Chemical Co, Taian, Shanghai
20 kegs, Gerolstein, Antwerp
500 cs, Wah Chang Trading Corp, Kongo, Shanghai
250 cs, Standard Rolling Mills, Kongo, Shanghai
ARNICA FLOWERS—8 bls, S B Penick & Co, Estrella, Marseilles
ARSENIC—219 bbls, American Smelting & Refining Co, Panuco, Tampico
RED—50 dms, Americn Cyanamid & Chemical Co, Gerolstein, Antwerp
SULPHUR—2 bbls, Robinson, Wagner Co, Estrella, Marseilles
ARTISTS MATERIAL—4 cs, Gallagher & Ascher, Volendam, Rotterdam
6 cs, Gallagher & Ascher, Maasdam, Rotterdam
ASPHALT—310 cks, Central Com Co, Seatrain New York, Havana
275 bgs, A V Berner & Co, Siboney, Havana
10 bgs, Siboney, Havana
BABASSU KERNELS—9,998 bgs, General Food Corp, Boniface, Parnahyba
11,663 bgs, General Food Corp, Boniface, Maranhan
BALSAM—28 cs, Boniface, Para
10 cs, Magnus, Mabee & Reynard, Santa Elena, La Libertad
BARK, MEDICINAL—33 bdls, Wessel, Duval & Co, Boniface, Manaos
51 bls, 6 bgs, W R Grace & Co, Boniface, Para
BARYTES—1 car, F E Schundler & Co, Seatrain New York, Havana
5 cars, F E Schundler & Co, Seatrain New Orleans, Havana
BAY RUM—14 dms, Bornn Distilling Co, Nerissa, St Thomas
BISMUTH ORE—10 bgs, Wah Chang Trading Corp, Noshiro, Hongkong
BLOOD, DRIED—1,315 bgs, Swift & Co, Falcon, La Guayra
BONE MEAL—800 bgs, Southern Prince, Buenos Aires
500 bgs, Haneln, Buenos Aires
BORON FLUORIDE—18 cyls, Standard Oil Co of N J, Black Heron, Rotterdam
BRISTLES—21 cs, H Rosenhirsch Co, Noshiro, Hankow
7 cs, F H Cone & Co, Noshiro, Kobe
9 cs, Iwai & Co, Noshiro, Kobe
50 cs, F H Cone & Co, Noshiro, Tientsin
34 cs, F H Cone & Co, Taian, Kobe
21 cs, Chesnut, Cooper & Co, Queen Mary, Southampton
6 cs, Queen Mary, Southampton
9 bbls, Manufacturers Trust Co, Maasdam, Rotterdam
BRONZE POWDER—2 cs, Heemsoth-Kerner Corp, Bremen, Bremen
2 cs, Heemsoth-Kerner Corp, Deutschland, Hamburg
CACTUS—24 cs, Toloa, Kingston
CALCIUM ARSENATE—20 dms, Mitsui & Co, Noshiro, Osaka
METALLIC—9 cs, Charles Hardy, Estrella, Marseilles
TARTRATE—39 bgs, Tarta Chem Works, Exchester, Algiers
CANARY SEED—793 bgs, A G Dunn, Western World, Buenos Aires
500 bgs, Balfour, Guthrie & Co, Western World, Buenos Aires
CANTHARIDES—3 cs 440 lbs, Amtorg Trading Corp, Rela Khun, Novorossisk
CARAWAY SEED—100 bgs, 11,000 lbs, Exchester, Tunis
100 bgs, 11,000 lbs, Bunge North American Grain Co, Volendam, Rotterdam
CARAWAY SEED—100 bgs, 11,000 lbs, R L Friedler, Volendam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Volendam, Rotterdam
100 bgs, 11,000 lbs, M Mitsenburg, Maasdam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Maasdam, Rotterdam
CARBON DECOLORIZING—2 bgs, R W Greeff & Co, Maasdam, Rotterdam
75 bgs, L A Salomon & Bros, Maasdam, Rotterdam
CARDAMOm—43 cs, Dodge & Olcott Co, Manipur, Colombo
20 cs, Speybank, Colombo
CASCARILLA BARK—6 bls, Wm M Allison & Co, Munargo, Havana
CASEIN—417 bgs, American British Chem Suppliers, Southern Prince, Buenos Aires
250 bgs, Southern Prince, Buenos Aires
833 bgs, Balfour, Guthrie & Co, Southern Prince, Buenos Aires
334 bgs, Swift & Co, Southern Prince, Buenos Aires
2,000 bgs, Jungmann & Co, City of Dalhart, Melbourne
134 bgs, D C Andrews & Co, Deutschland, Hamburg
125 bgs, National City Bank, Augvald, Hamburg
250 bgs, Western World, Buenos Aires
1,064 bgs, American Cyanamid & Chem Co, Western World, Buenos Aires
CASSIA—200 bls, A G Dunn, Noshiro, Hongkong
300 bls, Gillespie & Co, Noshiro, Hongkong
75 bls, Wood & Selick, Noshiro, Hongkong
500 bls, R Fabien & Co, Noshiro, Canton
200 bls, C M Van Sillevohlt, Coamo, Ciudad Trujillo
ROLLS—200 bls, B H Old & Co, Noshiro, Hongkong
CASTOR BEANS—1,709 bgs, W R Grace & Co, Boniface, Bahia
3,370 bgs, Baker Castor Oil Co, Boniface, Bahia
1,666 bgs, Boniface, Parnahyba
7,275 bgs, Boniface, Ceara
CELERY SEED—20 bgs, Knickerbocker Mills Co, Exochorda, Marseilles
50 bgs, O Gerdau Co, Exochorda, Marseilles
20 bgs, Exochorda, Marseilles
30 bgs, B H Old & Co, Exochorda, Marseilles
20 bgs, Estrella, Marseilles
CHALK, PRECIPITATED—50 cks, 150 bgs, H J Baker & Bros, Scythia, Liverpool
CHEMICALS—20 cs, P C Kuyper & Co, Bremen, Bremen
3 cks, Stanley Doggett, Bremen, Bremen
2 cs, 28 pkgs, Bremen, Bremen
4 bbls, 1 cs, Deutschland, Hamburg
10 cs, Lo Curto & Funk, Deutschland, Hamburg
100 bbls, 40 cks, Deutschland, Hamburg
11 bbls, National City Bank, Deutschland, Hamburg
2 tins, Magnus, Mabee & Reynard, Deutschland, Hamburg
1 ck, E I Du Pont de Nemours Co, Deutschland, Hamburg
15 cs, American Cyanamid & Chem Co, Deutschland, Hamburg
60 carboys, Advance Solvents & Chem Co, Deutschland, Hamburg
2 cs, 63 cks, Jungmann & Co, Deutschland, Hamburg
20 balloons, Deutschland, Hamburg
100 cs, Sherka Chem Co, Deutschland, Hamburg
100 dms, American Cyanamid & Chem Co, Deutschland, Hamburg
200 bgs, 80 bbls, Hummel Chem Co, Augvold, Hamburg
6 cks, Akatos, Inc, Augvald, Hamburg
2 carboys, Augvald, Hamburg
11 cs, Manhattan, Havre
8 cks, 25 dms, Philip Bauer Co, Volendam, Rotterdam
13 cks, General Aniline Works, Volendam, Rotterdam
10 cs, Michel Export Co, Volendam, Rotterdam
103 dms, Royal Bank of Canada, Volendam, Rotterdam
5 cks, G Martin, Volendam, Rotterdam
25 dms, Th Goldschmidt Corp, Volendam, Rotterdam
18 cks, General Dyestuff Corp, Volendam, Rotterdam
9 cs, Volendam, Rotterdam
25 cs, Bilhuber Knoll Co, Maasdam, Rotterdam
100 dms, 1 ck, Advance Solvents & Chem Co, Maasdam, Rotterdam
11 cs, 27 dms, Michel Export Co, Maasdam, Rotterdam
7 bbls, Wm Neuberg, Maasdam, Rotterdam
6 bbls, C Bruning Co, Maasdam, Rotterdam
25 cks, 1 jug, General Dyestuff Corp, Maasdam, Rotterdam
20 cks, American Chem & Paint Co, Maasdam, Rotterdam
50 dms, 118 bbls, Th Goldschmidt Corp, Maasdam, Rotterdam
75 dms, American Cyanamid & Chem Co, Maasdam, Rotterdam
40 cks, Jungmann & Co, Maasdam, Rotterdam
90 bgs, Robinson, Wagner Co, Maasdam, Rotterdam
100 dms, Wm Armstrong, Maasdam, Rotterdam
30 dms, 156 cks, Black Heron, Rotterdam
25 cks, Advance Solvents & Chem Co, Black Heron, Rotterdam
30 cks, Royal Bank of Canada, Black Heron, Rotterdam
5 dms, Advance Solvents & Chem Co, Black Heron, Rotterdam
6 pkgs, Lowenstein & Son, Paris, Havre
9 cs, E Fougera & Co, Paris, Havre
5 cs, G J Wallau, Paris, Havre
CHINA CLAY—50 cks, Moore & Mungar, Bristol City, Bristol
1,400 bgs, J Dixon Crucible Co, Deutschland, Hamburg
CINCHONA BARK—50 bls, Colombia, Pto Colombia
53 bls, 15 cs, S B Penick & Co, Volendam, Rotterdam
7 cs, W E Martin, Black Heron, Rotterdam
PRODUCTS—13 cs, R W Greeff & Co, Volendam, Rotterdam
30 cs, R W Greeff & Co, Maasdam, Rotterdam
CINNAMON—50 bls, J H Vavasseur, Chinese Prince, Colombo
CIVET—2 cs, Livierato Bros, Speybank, Aden
1 cs, Speybank, Aden
CLAY—1,250 bgs, Mercantile Import & Export Co, Executive, Boma
COALTAR DERIVATIVE—2 cks, General Aniline Works, Maasdam, Rotterdam
COALTAR INTERMEDIATES—6 dms, 2 cks, 1 cs, Sandoz Chem Works, Bremen, Bremen
7 cks, Ciba Co, Bremen, Bremen
2 dms, General Dyestuff Corp, Bremen, Bremen
4 cs, General Dyestuff Corp, Deutschland, Hamburg
6 cks, General Aniline Works, Deutschland, Hamburg
54 cks, General Aniline Works, Volendam, Rotterdam
132 dms, 67 cks, General Dyestuff Corp, Volendam, Rotterdam
5 dms, General Aniline Works, Maasdam, Rotterdam
22 cks, 76 dms, General Dyestuff Corp, Maasdam, Rotterdam
14 cks, General Aniline Works, Black Heron, Rotterdam
COBALT OXIDE—110 cks, Central Trading Corp, Gerolstein, Antwerp
6 cks, First Natl Bank, Paris, Havre
COCA LEAVES—198 cs, Merck & Co, Volendam, Rotterdam
COCOA BEANS—90 bgs, Lopez & Mangual, Carabobo, Maracaibo
38 bgs, Mecke & Co, Carabobo, Maracaibo
34 bgs, Machado & Co, Carabobo, La Guaira
250 bgs, W R Grace & Co, Southern Prince, Trinidad
150 bgs, Southern Prince, Trinidad
750 bgs, Wessel, Kulenkampf & Co, Almena, Ciudad Trujillo
772 bgs, Almena, Ciudad Trujillo
4,600 bgs, Machado & Co, Almena, Sanchez
1,000 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
1,298 bgs, Curacao Trading Co, Almena, Sanchez
250 bgs, Schutte & Focke, Almena, Sanchez
338 bgs, Curacao Trading Co, Almena, Puerto Plata
124 bgs, Porcella, Vicini & Co, Almena, Puerto Plata
306 bgs, Curacao Trading Co, Almena, Puerto Plata
39 bgs, Lopez & Mangual, Amor, Maracaibo
64 bgs, Schutte & Focke, Amor, Jeremie
135 bgs, Curacao Trading Co, Amor, Jeremie
72 bgs, W & A Leaman, Amor, Jeremie
67 bgs, Struller & Wood, Amor, Jeremie
40 bgs, Amor, Jeremie
275 bgs, Amor, Puerto Cabello
78 bgs, W & A Leaman, Haiti, Cape Haitien
50 bgs, Buenaventura, Cristobal
9,780 bgs, Augvald, Hamburg
456 bgs, Estrella, Lisbon
1,758 bgs, W R Grace & Co, Examelia, Lisbon
1,000 bgs, G W Cole & Co, Examelia, Lisbon
600 bgs, Maasdam, Rotterdam
7,864 bgs, Balfour, Guthrie & Co, Otho, Lagos
8,000 bgs, Barclay Bank, Otho, Accra
1,600 bgs, Afram Trading Co, Otho, Saltpond
3,200 bgs, Standard Bank of S A, Otho, Takoradi
1,600 bgs, Bank of British West Africa, Otho, Takoradi
16,000 bgs, Barclay Bank, Otho, Takoradi
5,586 bgs, Balfour, Guthrie & Co, Otho, Lagos
4,800 bgs, Balfour, Guthrie & Co, Otho, Saltpond
4,800 bgs, Balfour, Guthrie & Co, Otho, Cape Coast
12,800 bgs, Balfour, Guthrie & Co, Otho, Takoradi
26 bgs, Daggett Chocolate Co, Coamo, San Juan
600 bgs, Coamo, Ciudad Trujillo
500 bgs, Bartholomew & Co, Boniface, Bahia
2,000 bgs, Rockwood & Co, Boniface, Bahia
2,000 bgs, Taylor & Co, Boniface, Bahia
4,000 bgs, Wessel, Duval & Co, Boniface, Bahia
5,000 bgs, Balfour, Guthrie & Co, Boniface, Bahia
500 bgs, Wallace, Anderson & Co, Boniface, Bahia
300 bgs, Wessel, Duval & Co, Western World, Port Spain
500 bgs, W R Grace & Co, Western World, Port Spain
535 bgs, Falcon, Pto Cabello
COCONUTS—300 bgs, 30,000 lbs, Standard Fruit S. S. Co, Amapala, La Ceiba
100 bgs, 10,000 lbs, Lundt & Co, Almena, Sanchez
273 bgs, 27,300 lbs, Durkee Famous Foods, Nerissa, Trinidad
1,072 bgs, 107,200 lbs, Durkee Famous Foods, Nerissa, St Vincent
592 bgs, 59,200 lbs, Durkee Famous Foods, Nerissa, St Lucia
16 bgs, 1,600 lbs, F S Maynard & Son, Nerissa, St Lucia
500 bgs, 50,000 lbs, J A Manton, Haiti, Kingston
1,250 bgs, 125,000 lbs, A N Leakway & Co, Haiti, Kingston
813 bgs, 81,300 lbs, Universal Import & Export Co, Haiti, Kingston
4,067 bgs, 406,700 lbs, General Foods Corp, Haiti, Kingston
54 bgs, 5,400 lbs, Simons & French Co, Coamo, San Juan
228 bgs, 22,800 lbs, Porto Rico Fruit Exchange, Coamo, San Juan
COCONUT DESIC..1,925 cs, Wood & Selick, Taybank, Manila
COLORS—3 cks, E W C Toepfer, Volendam, Rotterdam
20 cks, Rex, Genoa
40 cks, Fulton Dye Import Co, Paris, Havre
CERAMIC—3 cs, B F Drakenfeld & Co, Scythia, Liverpool
COALTAR—3 kegs, General Dyestuff Corp, Maasdam, Rotterdam
DRY—3 cs, C Happel, Deutschland, Hamburg
10 cks, A T Schildge, Volendam, Rotterdam
40 cks, C J Osborn & Co, Maasdam, Rotterdam
6 cks, Pittsburgh Plate Glass Co, Black Heron, Rotterdam
EARTH—10 bbls, American Dyewood Co, Deutschland, Hamburg
58 cks, General Dyestuff Corp, Deutschland, Hamburg
COPAIBA BALSAM—46 cs, F B Ross & Co, Boniface, Manaos
1 dm, 50 cs, Geo Uhe Co, Boniface, Manaos
25 cs, J R Merz, Boniface, Manaos
COPRA—390 bgs, Standard Fruit S S Co, Haiti, Kingston
CORIANDER SEED—100 bgs 11,000 lbs, Levy & Levis Co, Exchester, Casablanca
100 bgs, 11,000 lbs, J L Hopkins & Co, Exchester, Casablanca
200 bgs, 22,000 lbs, Knickerbocker Mills Co, Exchester, Casablanca
CORIANDER SEED—300 bgs, 33,000 lbs, O Gerdau Co, Exchester, Casablanca
323 bgs, Van Loan & Co, Exchester, Casablanca
14 bgs, Dodge & Olcott Co, Deutschland, Hamburg
14 bgs, Dodge & Olcott Co, Manhattan, Hamburg
400 bgs, Van Loan & Co, Examelia, Casablanca
300 bgs, O Gerdau Co, Examelia, Casablanca
CORK—655 bls, Lichtenstein, Inc, Exchester, Casablanca
WASTE—2,720 bls, L Mundet & Sons, Estrella, Lisbon
WOOD—2,084 bls, Armstrong Cork Co, Exchester, Seville
4,292 bls, Johnson Turner Trading Co, Executive, Bona
1,323 bls, Chase National Bank, Estrella, Lisbon
1,150 bls, Manufacturers Trust Co, Estrella, Lisbon
150 bls, Estrella, Lisbon
85 bls, L Mundet & Sons, Estrella, Lisbon
503 bls, L Mundet & Sons, Volendam, Rotterdam
309 bls, Chase National Bank, Examelia, Algiers
50 bls, Examelia, Algiers
470 bls, Arco Crown Cork & Cap Co, Examelia, Lisbon
1,730 bls, Baldwin Universal Co, Examelia, Lisbon
85 bls, Examelia, Lisbon
COTTON LINTERS—76 bls, Southern Prince, Santos
100 bls, Panuco, Tampico
206 bls, Boniface, Cabedello
CUMIN SEED—160 bgs, Estrella, Marseilles
200 bgs, I Harrison & Whitney, Examelia, Casablanca
100 bgs, Van Norden & Co, Examelia, Casablanca
DANDELION ROOT—100 bls, 22,000 lbs, Amtorg Trading Corp, Kaganovich, Leningrad
DEXTRIN—50 bgs, Morningstar Nicol, Volendam, Rotterdam
250 bgs, American Cyanamid & Chemical Co, Volendam, Rotterdam
POTATO—12 bgs, Gallagher & Ascher, Volendam, Rotterdam
DIGITALIS LEAVES—20 cs, S B Penick & Co, Estrella, Marseilles
DIVI DIVI—1 pkg, Curacao Trading Co, Falcon, Maracaibo
DRAGONS BLOOD—10 cs, Bank of Manhattan, Taybank, Penang
17 cs, Chinese Prince, Singapore
DRUGS—10 bls, McKesson & Robbins, Santa Elena, Cartagena
DYES, ALIZARIN—27 cks, 1 cs, 7 cns, Geigy Corp, Bremen, Bremen
5 jugs, 35 cks, 4 dms, General Dyestuff Corp, Volendam, Rotterdam
5 dms, 7 jugs, 56 cks, General Dyestuff Corp, Maasdam, Rotterdam
5 cks, E I Du Pont de Nemours, & Co, Scythia, Liverpool
ANILIN—19 dms, Sandoz Chemical Works, Bremen, Bremen
103 cks, Ciba Co, Bremen, Bremen
38 cks, Geigy Co, Bremen, Bremen
18 kegs, 8 cns, Carbic Color & Chemical Co, Bremen, Bremen
4 cns, 1 cs, 38 cks, General Dyestuff Corp, Bremen, Bremen
40 cks, 1 pkg, General Dyestuff Corp, Deutschland, Hamburg
40 kegs, Carbic Color & Chemical Co, Manhattan, Hamburg
1 jug, 1 cs, 140 dms, 164 cks, General Dyestuff Corp, Volendam, Rotterdam
15 bbls, L & R Organic Product Co, Maasdam, Rotterdam
96 dms, 216 cks, 1 cs, General Dyestuff Corp, Maasdam, Rotterdam
25 pkgs, Ciba Co, Paris, Havre
1 dm, E I Du Pont de Nemours & Co, Scythia, Liverpool
9 kegs, L & R Organic Product Co, Scythia, Liverpool
EGG YOLK, HEN—112 cs, I Grob & Co, Tajan, Tientsin
ERGOT—5 cs, 2,468 lbs, Exchester, Seville
34 dms, 3,777 lbs, S B Penick & Co, Examelia, Lisbon
8 dms, 888 lbs, J L Hopkins & Co, Examelia, Lisbon
EUCALYPTUS LEAVES—15 bls, 4,430 lbs, Peek & Velsor, Exchester, Seville
40 bls, 6,483 lbs, Exchester, Seville
FENNEL SEED—20 bgs, R D Hines, Deutschland, Hamburg
FENUGREEK SEED—182 bgs, 36,036 lbs, J O Adams, Exchester, Casablanca
FIG TREE SAP—2 cs, 1 crtn, Merck & Co, Veragua, Cristobal
FILTER PAPER—40 cs, 20 bls, H Reifenberg, Manhattan, Hamburg
14 cs, H Reeve, Angel & Co, Ausonia, London
PULP—10 bls, Deutschland, Hamburg
FLAXSEED—4,262 bgs, 9,376 bus, Dreyfus & Co, Southern Prince, Buenos Aires
738 tons, 29,520 bus, L Dreyfus & Co, Bonita, St Lorenzo
3,860 tons, 154,400 bus, L Dreyfus & Co, Bonita, Thicuy
8,253 bgs, 18,376 bus, L Dreyfus & Co, Bonita, Thicuy
4,064,000 kilos, 162,560 bus, Lionel, Buenos Aires
80 bgs, 176 bus, National City Bank, Western World, Buenos Aires
6,027 tons, 241,080 bus, Daniels Midland Co, Lista, Rosario
FLEASEED—40 bgs, Kachurin Drug Co, Exochorda, Marseilles
20 bgs, Exochorda, Marseilles
FLORAL WATER—80 demijs, Dodge & Olcott Co, Estrella, Marseilles
FLUXING COMPOUND—10 cs, 2,633 lbs, W Manley, President Roosevelt, Hamburg
FORMALHEHYDE, SODA HYDROSULPHITE—50 kgs, Philipp Bros, Scythia, Liverpool
FULLER'S EARTH—L A Salomon & Bros, Bristol City, Bristol
250 bgs, L A Salomon & Bros, Ausonia, London
GAMBIER—55 cs, Taybank, Singapore
GELATIN—120 bgs, F M Duche & Sons, Gerolstein, Antwerp
45 bbls, 23 bls, 10 cs, 77 bgs, International Selling Corp, Gerolstein, Antwerp
25 cs, C B P Hewett & Bro, Gerolstein, Antwerp
3 cs, R T Downing & Co, Queen Mary, Southampton
2 cs, Dingelstedt & Co, Deutschland, Hamburg
21 bbls, R D McLellan, Volendam, Rotterdam
SHEETS—45 cs, International Selling Corp, Gerolstein, Antwerp
25 cs, R D McLellan, Black Heron, Rotterdam

GENTIAN EXTRACT—1 dm, L V Arguimbau, Southern Prince, Trinidad
ROOT—38 bgs, 3,762 lbs, Exchester, Seville
GINGER ROOT—33 bgs, O Gerdau Co, Haiti, Kingston
120 bgs, Haiti, Kingston
120 bgs, Toloa, Kingston
GLASS, PLATE—115 cs, Globe Shipping Co, Deutschland, Hamburg
WINDOW—12 cs, S A Bendheim, Gerolstein, Antwerp
10 cs, S A Bendheim, Manhattan, Hamburg
2,216 cs, Vitrea Co, Manhattan, Hamburg
GLUE—1 bg, Rex & Reynolds, Gerolstein, Antwerp
20 bgs, 5 cks, 1 cs, Rex & Reynolds, Exochorda, Marseilles
120 bgs, Dingelstedt & Co, Deutschland, Hamburg
100 bgs, Manhattan, Hamburg
19 bls, 40 bgs, International Selling Corp, Paris, Havre
200 bgs, Paris, Havre
26 bgs, G H Hemmel, Scythia, Liverpool
GLYCERIN—38 dms, Southern Prince, Buenos Aires
18 dms, Bristol City, Bristol
297 dms, Amtorg Trading Corp, Bela Khun, Novorossisk
1 car, Colgate-Palmolive-Peet Co, Seatrain New York, Havana
59 dms, Hamein, Buenos Aires
195 dms, Estrella, Marseilles
5 dms, Maasdam, Marseilles
77 dms, Black Heron, Rotterdam
GRAPHITE—316 bgs, C E Pettinos, Manipur, Colombo
63 cks, Eberhard Faber Pencil Co, Exochorda, Marseilles
GUM, ARABIC—250 bgs, Thurston & Braidich, Manipur, Port Sudan
150 bgs, Gdynia American Line, Manipur, Port Said
50 bgs, J L Hopkins & Co, Deutschland, Hamburg
400 bgs, Speybank, Port Sudan
150 bgs, McKesson & Robbins, Speybank, Port Sudan
BENZOIN—110 cs, Chinese Prince, Batavia
CHICLE—431 bls, Chicle Development Co, Platano, Barrios
COPAL—105 bgs, W H Scheel, Taybank, Manila
264 bgs, Hanson & Orth, Taybank, Manila
25 cs, 175 bgs, Gillespie-Rogers-Pyatt Co, Chinese Prince, Singapore
25 cs, Manufacturers Trust Co, Chinese Prince, Singapore
35 bgs, G W S Patterson & Co, Chinese Prince, Singapore
70 bgs, Stroock & Wittenberg, Chinese Prince, Singapore
202 bskts, France, Campbell & Darling, Chinese Prince, Macassar
563 bskts, Stroock & Wittenberg, Chinese Prince, Macassar
195 bskts, G W S Patterson & Co, Chinese Prince, Macassar
255 bskts, Van Norden & Co, Chinese Prince, Macassar
179 bskts, Gillespie-Rogers-Pyatt Co, Chinese Prince, Macassar
160 bskts, Van Norden & Co, Chinese Prince, Tomin Bay
248 bskts, Gillespie-Rogers-Pyatt Co, Chinese Prince, Tomin Bay
172 bgs, Stroock & Wittenberg, Chinese Prince, Tomin Bay
DAMMAR—250 bgs, 600 cs, Thurston & Braidich, Taybank, Batavia
210 bgs, 50 cs, Gillespie, Rogers, Pyatt Co, Chinese Prince, Singapore
100 cs, 280 bgs, Manufacturers Trust Co, Chinese Prince, Singapore
810 bgs, 50 cs, O G Innes Corp, Chinese Prince, Singapore
385 bgs, 50 cs, G W S Patterson & Co, Chinese Prince, Singapore
150 cs, 140 bgs, France, Campbell & Darling, Chinese Prince, Singapore
280 bgs, Chinese Prince, Singapore
490 bgs, Stroock & Wittenberg, Chinese Prince, Singapore
207 bgs, Gillespie, Rogers, Pyatt Co, Chinese Prince, Macassar
GUAIAC—6 cs, Mecke & Co, San Juan, Azua
KARAYA—238 bgs, Paul W Dunkel & Co, Scythia, Liverpool
193 bgs, Scythia, Liverpool
LOCUST BEAN—100 bgs, T M Duche & Sons, Exochorda, Genoa
MYRRH—21 cs, Executive, Alexandria
OLIBANUM—40 cs, R J Prentiss & Co, Speybank, Aden
25 cs, S B Penick & Co, Speybank, Aden
10 cs, J L Hopkins & Co, Speybank, Aden
TRAGACANTH—81 cs, E Meer & Co, Manhattan, Hamburg
YACCA—1,806 bgs, City of Dalhart, Adelaide
GYPSUM—200 bgs, Whittaker, Clark & Daniels, Scythia, Liverpool
HENBANE LEAVES—50 bls, 11,000 lbs, Amtorg Trading Corp, Bela Khun, Noverossisk
HENNA LEAVES—18 bls, Speybank, Port Sudan
HERBS, MEDICINAL—5 cs, 38 bgs, Exochorda, Piraeus
2 bls, 20 bgs, Knickerbocker Mills Co, Deutschland, Hamburg
16 bls, 2 bgs, R D Hines, Deutschland, Hamburg
7 bls, Deutschland, Hamburg

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HOPS—12 ballots, Deutschland, Hamburg
172 bls, S S Steiner, Deutschland, Hamburg
10 bls, 5 ballots, Globe Shipping Co, Deutschland, Hamburg
30 bls, Otto Seidenberg, Deutschland, Hamburg
INDIGO—8 cks, General Dyestuff Corp, Maasdam, Rotterdam
INFUSORIAL EARTH—500 bgs, C B Chrystal & Co, Exchester, Oran
1,005 bgs, Bidel & Walden, Exchester, Oran
500 bgs, Exchester, Oran
INSECTICIDE—20 dms, Ausonia, London
IRISH MOSS—30 bls, C H Reisig, Paris, Havre
50 bls, Innis, Speiden & Co, Paris, Havre
100 bls, S B Penick & Co, Paris, Havre
10 bls, Paris, Havre
IRON OXIDE—2 cks, A T Schildge, Volendam, Rotterdam
25 cks, A T Schildge, Maasdam, Rotterdam
100 cks, Robinson-Wagner Co, Maasdam, Rotterdam
80 cks, Reichard-Coulston, Maasdam, Rotterdam
34 cks, C J Osborne & Co, Maasdam, Rotterdam
5 cs, C B Chrystal & Co, Scythia, Liverpool
6 cks, Montag & Cassidy, Scythia, Liverpool
POWDER—6 cks, Deutschland, Hamburg
ISINGLASS — 20 cs, C H Reisig, Scythia, Liverpool
JUNIPER BERRIES—275 bgs, Examelia, Leghorn
LAVENDER FLOWERS—2 cs, Lo Curto & Funk, Exochorda, Marseilles
LEAVES, MEDICINAL — 2 bgs, Exochorda, Marseilles
LIME, HYDRATED — 300 bgs, Bristol City, Bristol
LITHOPONE—400 cks, B Moore & Co, Volendam, Rotterdam
200 cks, B Moore & Co, Maasdam, Rotterdam
LOCUST BEANS—610 bgs, R J Prentiss & Co, Executive, Piraeus
25 bgs, National Bank of Greece, Exochorda, Piraeus
FLOUR—60 bgs, Thurston & Braidich, Exochorda, Marseilles
20 bgs, Philipp Bros, Exochorda, Marseilles
50 bgs, S B Penick & Co, Exochorda, Marseilles
40 bgs, Innis, Speiden & Co, Exochorda, Marseilles
100 bgs, Exochorda, Marseilles
MACE—8 cs, Irving Trust Co, Taybank, Singapore
22 cs, I Harrison & Whitney, Black Heron, Rotterdam
MAGNESIA, CARBONATE—45 cs, Lo Curto & Funk, Examelia, Genoa
STEARATE—6 cks, Yardley & Co, Ausonia, London
MANGANESE—4 cks, C B Chrystal & Co, Bristol City, Bristol
MANGROVE BARK EXTRACT — 1,000 bgs, Taybank, Singapore
1,000 bgs, Chinese Prince, Singapore
MANIOC MEAL—501 bgs, Stein, Hall & Co, Taybank, Sourabaya
34 bgs, Boniface, Para
MARIGOLD FLOWERS—20 bls, R J Prentiss & Co, Deutschland, Hamburg
MEDICINAL PREPS—9 cs, Lo Curto & Funk, Exochorda, Genoa
10 cs, J Personeni, Exchorda, Genoa
6 cs, Burroughs Welcome Co, Ansonia, London
14 cs, Italian Drug Import Co, Rex, Genoa
MENTHOL—50 cs, Iwai & Co, Noshiro, Kobe
10 cs, Mitsui & Co, Taian, Kobe
MICA—46 cs, Southern Prince, Buenos Aires
94 cs, Philadelphia Nat'l Bank, Manipur, Calcutta
11 cs, Queen Mary, Southampton
7 cs, Steel Exporter, Calcutta
30 cs, Speybank, Calcutta
5 cs, Manhattan, London
21 cs, Western World, Rio Janeiro
BLOCK—103 cs, Steel Exporter, Calcutta
18 cs, Speybank, Calcutta
17 cs, Philadelphia Nat'l Bank, Speybank, Calcutta
10 cs, Ansonia, London
DISCS—2 cs, Philadelphia Nat'l Bank, Speybank, Calcutta
FILM—8 cs, Speybank, Calcutta
SPLITTINGS—100 cs, General Electric Co, Manipur, Calcutta
679 cs, Steel Exporter, Calcutta
56 cs, Gillespie, Rogers, Pyatt Co, Speybank, Calcutta
MILK POWD—188 cs, R E Schanzer, Volendam, Rotterdam
25 cs, 967 bgs, Volendam, Rotterdam
160 cs, 1,630 bgs, Maasdam, Rotterdam
110 cks, R A McKee, Black Heron, Rotterdam
MINERAL ORE—555 bgs, Haneln, Buenos Aires
158 bgs, Watson, Geach & Co, Haneln, Buenos Aires
MOLASSES—7,714 tons, Standard Brands, Inc, Athelstane, Antigua
MOLBDENUM ORE—16 bgs, Wah Chang Corp, Noshiro, Hongkong
MUSTARD SEED—62 bgs, L R Millen, Taian, Tientsin
200 bgs, 22,000 lbs, Charles Gulden, Examella, Catania
MYROBALANS EXTRACT—360 bgs, International Product Corp, Scythia, Liverpool
NAPHTHALENE—285 bgs, Bristol City, Bristol
3,947 bgs, Amtorg Trading Corp, Bela Khun, Novorossisk
343 bgs, F B Bertrand, Black Heron, Rotterdam
1,500 bgs, White Tar Co, Black Heron, Rotterdam
700 bgs, Associated Metals & Minerals Co, Black Heron, Rotterdam
NUTMEGS—150 bgs, Royal Bank of Canada, Nerissa, Grenada
250 bgs, Nerissa, Grenada
20 cs, Irving Trust Co, Taybank, Singapore
31 bgs, Exochorda, Alexandria
(In the February 1 issue the transposition of seven lines of type placed four importations of nutmegs, totaling 706 bags, under the listing, "Nicotine Sulphate.")
NUX VOMICA—2,000 pockets, Volkart Bros, Speybank, Cochin
OCHER—80 cks, Grace Natl Bank, Exochorda, Marseilles
226 cks, 2,221 bgs, Reichard Coulston, Exochorda, Marseilles
70 cks, J A McNulty, Exochorda, Marseilles
10 cks, J H Rhodes & Co, Exochorda, Marseilles

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OCHER—150 dms, J A McNulty, Estrella, Marseilles
30 dms, Scott L Libby Corp, Estrella, Marseilles
100 dms, J Lee Smith & Co, Estrella, Marseilles
25 dms, 800 bgs, C K Williams & Co, Estrella, Marseilles
75 cks, J Lee Smith & Co, Examelia, Marseilles
OIL CAKE MEAL—2,000 bgs, Mitsubishi Trading Co, Noshiro, Osaka
OIL, ALMOND—40 cs, Fritzsche Bros, Exochorda, Marseilles
10 cs, J B Horner, Exochorda, Marseilles
40 cs, W J Bush & Co, Exochorda, Marseilles
25 cs, Exochorda, Marseilles
BAY—12 cs, John H Rodriguez & Co, Coamo, San Juan
CAMPHOR—35 dms, Dodge & Olcott Co, Noshiro, Keelung
10 dms, Lautier Fils, Noshiro, Yokohama
CASSIA—100 dms, Dodge & Olcott Co, Noshiro, Hongkong
20 dms, Ungerer & Co, Noshiro, Hongkong
CHINAWOOD—Quantity, Spencer Kellogg & Sons, Noshiro, Hankow
150 dms, Melchers, Inc, Noshiro, Hongkong
597 tons, Pacific Vegetable Oil Co, Kongo, Shanghai
200 tons, Bunge North American Grain Co, Kongo, Shanghai
CINNAMON LEAF—6 dms, Rutherford Natl Bank, Manipur, Colombo
2 dms, J H Vavasseur & Co, Taybank, Colombo
2 dms, J H Vavasseur & Co, Speybank, Colombo
CITRONELLA—20 dms, Irving Trust Co, Taybank, Tegal
26 dms, Catz American Co, Chinese Prince, Batavia
COD—43 dms, G Emy, Noshiro, Yokohama
100 dms, Noshiro, Yokohama
CODLIVER—290 dms, Deutschland, Hamburg
100 dms, E Mayer, Maasdam, Rotterdam
CORN—130 dms, Corn Product Refg Co, Gerolstein, Antwerp
200 dms, I R Boody & Co, Volendam, Rotterdam
50 dms, Balfour, Guthrie & Co, Volendam, Rotterdam
100 dms, Chemical Bank Trust Co, Maasdam, Rotterdam
648 dms, Ausonia, London
COTTONSEED—1 pkg, Arnhold & Co, Noshiro, Hankow
150 dms, Pacific Vegetable Oil Co, Noshiro, Kobe
200 dms, Pacific Vegetable Oil Co, Tajan, Kobe
320 dms, Royal Bank of Canada, Southern Prince, Santos
267 dms, Southern Prince, Santos
800,000 kilos, Executive, Alexandria
1,040 dms, Bunge North American Grain Co, Boniface, Pernambuco
428 dms, Boniface, Natal
ESSENTIAL—2 cs, Queen Mary, Southampton
5 kgs, 21 dms, 52 cks, 85 cs, Exochorda, Marseilles
8 cs, Deutschland, Hamburg
1 cs, Estrella, Marseilles
27 pkgs, Manhattan, Havre
8 cs, Volendam, Rotterdam
44 cs, Maasdam, Rotterdam
25 cs, Western World, Buenos Aires
54 cs, Paris, Havre
EUCALYPTUS—6 dms, W J Bush & Co, City of Dalhart, Melbourne
15 cs, Geo Lueders & Co, City of Dalhart, Melbourne
4 dms, Ungerer & Co, City of Dalhart, Melbourne
36 dms, McCoy Sales Co, City of Dalhart, Melbourne
FUEL—67,684 bbls, Gulf Oil Corp, Montana, Aruba
66,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
111,200 bbls, Standard Oil Co of N J, R L Hague, Aruba
77,071 bbls, Asiatic Petroleum Corp, Malvina, Tampico
4 dms, Universal Oil Prod Co, Executive, Constanza
102,096 bbls, Gulf Oil Corp, Gulfbird, Aruba
GERANIUM—10 dms, Continental Bk Trust Co, Exchester, Algiers
1 dm, Exchester, Algiers
3 dms, Geo Lueders & Co, Exochorda, Marseilles
7 dms, E Coupey, Speybank, Aden
GREASE—50 pkgs, Robinson-Wagner Co, Taian Kobe
LACQUER—8 cs, Popper & Klein, Deutschland, Hamburg
LAVENDER—4 cks, Chase Nat Bank, Exochorda, Marseilles
20 cks, Dodge & Olcott Co, Exochorda, Marseilles
LEMONGRASS—10 dms, Volkart Bros, Speybank, Cochin
LIME—1 cs, F S Maynard & Son, Nerissa, Montserrat
12 cs, Ausonia, London
LINSEED—25 dms, Black Heron, Rotterdam
LUBRICATING—70 dms, 5 bbls, Gerolstein, Antwerp
MINERAL—25 dms, Heemsoth Kerner Corp, Deutschland, Hamburg
305 dms, Deutschland, Hamburg
10 dms, Shell Union Oil Corp, Deutschland, Hamburg
OITICICA—75 dms, Boniface, Ceara
25 dms, Western World, Rio de Janeiro
OLIVE—251 dms, Bremen, Bremen
2,170 cs, Exochorda, Genoa
148 dms, Great Atlantic & Pacific Tea Co, Exochorda, Genoa
50 dms, Ungerer & Co, Exochorda, Genoa
375 cs, Exochorda, Leghorn
200 dms, Marine Midland Bank Trust Co, Exochorda, Genoa
200 dms, Leo Crisafulli, Exochorda, Genoa
200 dms, Strohmeyer & Arpe Co, Exochorda, Marseilles
50 cks, Irving Trust Co, Exochorda, Marseilles
50 dms, Lekas & Drivas, Exochorda, Genoa
25 dms, Banca Coml Italian Trust Co, Exochorda, Marseilles
50 dms, 200 cs, Exochorda, Marseilles
1,969 dms, Deutschland, Hamburg
19 cs, Estrella, Nice
50 dms, Irving Trust Co, Estrella, Marseilles
48 dms, La Manna, Azenia & Farnan, Examelia, Genoa
3,695 cs, 25 dms, Examelia, Leghorn
100 dms, Leghorn Trading Co, Examelia, Algiers
200 dms, Rhode Island Hospital Trust Co, Examelia, Algiers
100 dms, Public Natl Bank, Rex, Genoa
75 dms, Rex, Genoa
OLIVE SULPHUR—400 dms, Leghorn Trading Co, Estrella, Lisbon
150 dms, E M Sergeant Pulp & Chem Co, Estrella, Lisbon
200 dms, Philadelphia Natl Bank, Estrella, Lisbon
PALM—526 dms, Augvald, Hamburg
86 dms, Volendam, Rotterdam
245 dms, Maasdam, Rotterdam
615 tons, Banque Belge Pour Etranger, Chinese Prince, Belawan Deli
Quantity, Banque Belge pour Etranger, Chinese Prince, Belawan Deli
OIL, PALM—1,547 tons, Balfour, Guthrie & Co, Utho, Matadi
102 dms, 18 cks, Scythia, Liverpool
65 dms, Welch, Holme & Clark, Scythia, Liverpool
PALMKERNEL — 536 dms, Deutschland, Hamburg
74,000 kilos, Durkee Famous Foods, Black Heron, Rotterdam
PEANUT — Quantity, Mitsubishi - Shoji-Kaisha, Noshiro, Hankow
50 dms, Holland American Line, Volendam, Rotterdam
5 dms, Lamont, Corliss & Co, Black Heron, Rotterdam
PERILLA—300 dms, W R Grace & Co, Taian, Kobe
PIMENTO LEAF—1 dm, J A Manton, Haiti, Kingston
POPPYSEED—30 dms, Mitsubishi Trading Co, Noshiro, Osaka
RESIDUE—19 cs, Deutschland, Hamburg
ROSEWOOD—6 dms, Boniface, Manaos
4 dms, Geo Uhe Co, Boniface, Para
2 dms, Givaudan-Delawanna, Boniface, Para
SESAME—100 bbls, Volendam, Rotterdam
56 dms, N C Littauer, Volendam, Rotterdam
100 bbls, Maasdam, Rotterdam
529,848 kilos, Zimmermann-Alderson-Carr Co, Maasdam, Rotterdam
150 dms, I R Boody & Co, Maasdam, Rotterdam
28 dms, N C Littauer, Maasdam, Rotterdam
TEASEED—6 dms, Noshiro, Hongkong
250 dms, W R Grace & Co, Noshiro, Hankow
100 dms, American Cyanamid & Chem Co, Taian, Hankow
200 dms, Mitsui & Co, Kongo, Shanghai
THYME—6 dms, Deutschland, Hamburg
VEGETABLE—100 dms, I R Boody & Co, Volendam, Rotterdam
10 dms, I R Boody & Co, Maasdam, Rotterdam
VETIVER—1 dm, E Coupey, Speybank, Aden
YLANG YLANG—18 dms, 18 cs, J Manheimer, Exochorda, Marseilles
OPIUM — 60 cs, Merck & Co, Queen Mary, Southampton
50 cs, Merck & Co, Manhattan, London
ORRISROOT—154 bgs, R J Prentiss & Co, Examelia, Leghorn
72 bgs, Examelia, Leghorn
WHOLE—6 bgs, Examelia, Leghorn
PAPAIN—14 cs, Dodwell & Co, Chinese Prince, Colombo
PAPRIKA—115 bgs, Manhattan, Hamburg
PARADISE SEED—11 bgs, Peck & Velsor, Exochorda, Marseilles
PEATMOSS—1,000 bls, Volendam, Rotterdam
PEPPER, BLACK—486 bgs, Stein, Hall & Co, Taybank, Batavia
82 bgs, Knickerbocker Mills Co, Chinese Prince, Singapore
486 bgs, Chinese Prince, Telok Betong
WHITE—420 bgs, Irving Trust Co, Chinese Prince, Singapore
PEPPERMINT HERBS — 30 bxs, Bremen, Bremen
7 bls, J L Hopkins & Co, Gerolstein, Antwerp
PITCH—52 dms, City of Dalhart, Adelaide
POPPYSEED—100 bgs, 11,000 lbs, Levy & Levis Co, Maasdam, Rotterdam
200 bgs, 22,000 lbs, Argosy Trading Co, Maasdam, Rotterdam
100 bgs, 11,000 lbs, M Witsenberg, Maasdam, Rotterdam
300 bgs, 33,000 lbs, C M Van Sillewoldt, Black Heron, Rotterdam
POTASH, CHLORATE—100 cs, Innis, Speiden & Co, Deutschland, Hamburg
CYANIDE—68 cs, E I Du Pont de Nemours Co, Deutschland, Hamburg
PERSULPHATE—10 cks, Manahan Chemical Co, Maasdam, Rotterdam
PRUSSIATE—20 cks, Chase National Bank, Maasdam, Rotterdam
13 cks, Maasdam, Rotterdam
SULPHATE—400 bgs, N V Potash Export My, Manhattan, Hamburg
POTASH-MAGNESIA SULPHATE—16 bgs, N V Potash Export My, Manhattan, Hamburg
PUMICE—800 bgs, C B Chrystal & Co, Exchestere, Canneto
1,151 bgs, J H Rhodes & Co, Exchester, Canneto
220 bgs, J H Rhodes & Co, Exchester, Canneto
1 cs, 713 bgs, J H Rhodes & Co, Examelia, Canneto
LUMP—7,877 bgs, J H Rhodes & Co, Exchester, Canneto
75 bgs, C B Chrystal & Co, Examelia, Canneto
3,550 bgs, J H Rhodes & Co, Examelia, Canneto
PYRETHRUM FLOWERS—250 bls, J Powell & Co, Taian, Kobe
QUEBRACHO EXTRACT—4,338 bgs, Tannin Corp, Southern Prince, Buenos Aires
5,000 bgs, International Product Corp, Southern Prince, Buenos Aires
3,600 bgs, International Product Corp, Western World, Buenos Aires
QUICKSILVER—57 flasks, Siboney, Vera Cruz
100 flasks, Leghorn Trading Co, Rex, Genoa
RHUBARB—15 cs, Melchers, Inc, Noshiro, Shanghai
ROOT, MEDICINAL—20 bgs, Peek & Velsor, Deutschland, Hamburg
ROSE LEAVES—17 bls, Estrella, Casablanca
17 bls, Examelia, Casablanca
SAFFRON FLOWERS—1 cs, Villar & Osorio, Estrella, Marseilles
1 cs, R J Prentiss & Co, Estrella, Marseilles
2 cs, Estrella, Marseilles
SARDINE MEAL—2,000 bgs, Wilbur, Ellis & Co, Noshiro, Yokohama
SARSAPARILLA ROOT—8 bls, Panuco, Tampico
SAWDUST—590 bgs, State Chem Co, Volendam, Rotterdam
SCHELITE ORE—10 bgs, Wah Chang Trading Corp, Noshiro, Hongkong
SEED, MEDICINAL—268 bgs, Exochorda, Marseilles
22 bgs, P H Petry & Co, Exochorda, Marseilles
10 bgs, R D Hines, Deutschland, Hamburg
SENNA LEAVES—20 bls, Augvald, Hamburg
SESAME SEED—240 bgs, Arnhold & Co, Noshiro, Hankow
SHELLAC—29 cs, A Hurst & Co, Black Heron, Rotterdam
300 bgs, E E Androvette, Steel Exporter, Calcutta
450 bgs, Argenti & Co, Manipur, Calcutta
100 bgs, Wm Zinsser & Co, Manipur, Calcutta
100 bgs, 45 cs, A Hurst & Co, Deutschland, Hamburg
50 cs, 430 bgs, E J Cornelia, Steel Exporter, Calcutta
50 cs, 50 bgs, Alfred Kramer & Co, Steel Exporter, Calcutta
100 bgs, Schwab Bros, Steel Exporter, Calcutta
100 bgs, 60 cs, Steel Exporter, Calcutta
100 bgs, E E Androvette, Speybank, Calcutta
650 bgs, 40 cs, Guaranty Trust Co, Speybank, Calcutta
100 bgs, Bank of London South America, Speybank, Calcutta
455 bgs, Wm Zinsser & Co, Speybank, Calcutta
300 bgs, Argenti & Co, Speybank, Calcutta
100 bgs, Mantrose Corp, Speybank, Calcutta

SHELLAC—25 bgs, Philadelphia Natl Bank, Speybank, Calcutta
10 cs, Alfred Kramer & Co, Speybank, Calcutta
100 bgs, E E Androvette, Steel Exporter, Calcutta
BUTTON LAC—20 bgs, Wm Zinsser & Co, Speybank, Calcutta
GARNET LAC—125 bgs, W Zinsser & Co, Manipur, Calcutta
25 bgs, E E Androvette, Steel Exporter, Calcutta
25 bgs, Gillespie, Rogers, Pyatt Co, Speybank, Calcutta
SEEDLAC—300 bgs, Chase Natl Bank, Manipur, Calcutta
300 bgs, National City Bank, Manipur, Calcutta
300 bgs, E E Androvette, Manipur, Calcutta
600 bgs, Brown Bros Harriman Co, Manipur, Calcutta
200 bgs, Guaranty Trust Co, Manipur, Calcutta
650 bgs, Alfred Kramer Co, Manipur, Calcutta
300 bgs, Manipur, Calcutta
2,100 bgs, E J Cornelis, Steel Exporter, Calcutta
800 bgs, Alfred Kramer & Co, Steel Exporter, Calcutta
100 bgs, Steel Exporter, Calcutta
850 bgs, Mantrose Corp, Speybank, Calcutta
100 bgs, E E Androvette, Speybank, Calcutta
100 bgs, E E Androvette, Steel Exporter, Calcutta
400 bgs, W Zinsser & Co, Speybank, Calcutta
500 bgs, Argenti & Co, Speybank, Calcutta
300 bgs, Chase Natl Bank, Speybank, Calcutta
700 bgs, Guaranty Trust Co, Speybank, Calcutta
200 bgs, Philadelphia Natl Bank, Speybank, Calcutta
100 bgs, Bank of London South America, Speybank, Calcutta
SIENNA—142 cks, 87,153 lbs, J Lee Smith & Co, Exochorda, Leghorn
137 cks, 75,559 lbs, Reichard Coulston, Exochorda, Leghorn
33 bbls, 12,249 lbs, Reichard Coulston, Exochorda, Leghorn
66 cks, 23,850 lbs, C K Williams & Co, Examelia, Leghorn
39 bbls, 21,131 lbs, J Lee Smith & Co, Examelia, Leghorn
15 bbls, 10,410 lbs, C B Chrystal & Co, Examelia, Leghorn
SOAPBARK—100 bgs, S B Penick & Co, Manhattan, Hamburg
SOAP—86 cs, Banca Commi Italian Trust Co, Exchester, Seville
75 cs, Bank of Athens, Exochorda, Piraeus
132 cs, 60 cyls, Conti Product Corp, Exochorda, Leghorn
200 cs, J P Smith & Co, Exochorda, Marseilles
12 cs, Estrella, Marseilles
50 cs, R J Saunders & Co, Ausonia, London
2 cs, Yardley & Co, Ausonia, London
SODA HYDROSULPHITE—70 dms, Deutschland, Hamburg
61 dms, 3 cs, General Dyestuff Corp, Volendam, Rotterdam
35 kgs, Philipp Bros, Scythia, Liverpool
PHOSPHATE—40 kgs, R J Prentiss & Co, Maasdam, Rotterdam
PRUSSIATE—6 cs, 1,623 lbs, Eugene Dietzgen Co, Deutschland, Hamburg
26 cks, P Kuch Co, Volendam, Rotterdam
SILICOFLUORIDE—100 bgs, H Sundheimer, Examelia, Leghorn
SOYBEAN MEAL—4,800 bgs, Mitsui & Co, Noshiro, Dairen
SPONGES—32 bls, Schroeder & Tremayne, Munargo, Havana
6 bls, American Express Co, Munargo, Havana
23 bls, J H Rhodes & Co, Munargo, Havana
84 bls, Munargo, Havana
11 bls, Oriente, Havana
REFUSE—8 bls, J H Rhodes & Co, Munargo, Havana
31 bls, Munargo, Havana
95 bls, Johns Manville Co, Santa Clara, Havana
80 bls, Schroeder & Tremayne, Santa Clara, Havana
STARCH, POTATO—500 bgs, Continental Grain Co, Maasdam, Rotterdam
100 bgs, Innis, Speiden & Co, Maasdam, Rotterdam
SOLUBLE — 15 bgs, Morningstar, Nicol, Volendam, Rotterdam
STEARIN, PITCH—81 dms, Deutschland, Hamburg
STEATITE—7 bbls, M Kirchberger & Co, Exochorda, Leghorn
STRAMONIUM LEAVES—75 bls, R J Prentiss & Co, Examelia, Marseilles
TALC—72 bgs, Taian, Kobe
3,800 bgs, S Holst Knudsen, Taian, Shanghai
200 bgs, L A Salomon & Bros, Exochorda, Marseilles
500 bgs, Charles Mathieu, Examelia, Genoa
TALLOW—10 pkgs, Arnhold & Co, Noshiro, Hankow
63 dms, City of Dalhart, Adelaide
VEGETABLE—250 pkgs, W R Grace & Co, Noshiro, Hankow
TAMARINDS—10 bbls, 1 half bbl, J L Hopkins & Co, Nerissa, Antigua
TANKAGE—1,500 bgs, Hamein, Buenos Aires
500 bgs, Western World, Buenos Aires
TANNING EXTRACT—1 ck, Geigy Co, Bremen, Bremen
TAPIOCA FLOUR—4,400 bgs, Corn Product Refining Co, Alamena, Puerto Plata
789 bgs, Chase National Bank, Taybank, Pasoeroean
535 bgs, Morningstar Nicol, Taybank, Pasoeroean
2,896 bgs, Taybank, Pasoeroean
500 bgs, Java American Export Co, Taybank, Sourabaya
1,650 bgs, Sino Java Handel, Taybank, Tegal
1,517 bgs, Stein, Hall & Co, Taybank, Cheribon
500 bgs, Taybank, Cheribon
540 bgs, Chase National Bank, Taybank, Cheribon
936 bgs, Balfour, Guthrie & Co, Taybank, Pamanoekan
1,498 bgs, Stein, Hall & Co, Taybank, Cheribon
264 bgs, Java American Export Co, Taybank, Pasoeroean
2,243 bgs, Stein, Hall & Co, Taybank, Batavia
6,291 bgs, Stein, Hall & Co, Chinese Prince, Batavia
498 bgs, Stein, Hall & Co, Chinese Prince, Cheribon
1,000 bgs, H P Winter & Co, Chinese Prince, Tegal
2,000 bgs, Stein, Hall & Co, Chinese Prince, Sourabaya
755 bgs, Java American Export Co, Chinese Prince, Sourabaya
264 bgs, Java American Export Co, Chinese Prince, Pasoeroean
3,158 bgs, Chase National Bank, Chinese Prince, Pasoeroen
552 bgs, Trust Co of North America, Chinese Prince, Pasoeroen
328 bgs, Seligmann & Co, Chinese Prince, Semarang
264 bgs, Java American Export Co, Chinese Prince, Pasoeroean
TARTAR—339 bgs, Tartar Chemical Works, Exchester, Oran
42 bgs, Exchester, Oran
258 bgs, Tartar Chemical Works, Estrella, Marseilles
543 bgs, Charles Pfizer & Co, Estrella, Marseilles
149 bgs, Charles Pfizer & Co, Examelia, Leghorn
337 bgs, Examelia, Leghorn
126 bgs, Charles Pfizer & Co, Maasdam, Rotterdam
TEAWASTE—1,091 bgs, Chemical Bank & Trust Co, Speybank, Calcutta
THYME LEAVES—32 bls, Estrella, Marseilles
TIMBO POWD—20 cs, Boniface, Para
ROOT—300 bls, F B Ross & Co, Boniface, Manaos
TONKA BEANS—46 cks, Nerissa, Trinidad
40 cs, Thurston & Braidich, Boniface, Manaos
49 bbls, 1 cs, Irving Trust Co, Boniface, Para
TRICHLORETHYLENE—90 dms, International Selling Corp, Estrella, Marseilles
TUBA ROOT—12 bls, Chinese Prince, Singapore
TUNGSTEN ORE—164 bgs, Wah Chang Trading Corp, Noshiro, Hongkong
UMBER — 10 cks, C B Chrystal & Co, Scythia, Liverpool
URANIUM OXIDE—50 bbls, Central Trading Corp, Geroistein, Antwerp
UREA—800 bgs, Synthetic Nitrogen Product Corp, Black Heron, Rotterdam
VALONEA—681 bgs, Tannin Corp, Executive, Izmir
CUPS—5,905 bgs, J A Barkey & Co, Executive, Odunluk
EXTRACT—377 bgs, International Product Corp, Executive, Piraeus
VANILLA BEANS—9 cs, Queen Mary, Southampton
1 cs, Geo Lueders & Co, Nerissa, St Lucia
39 cs, Marine Midland Trust Co, Exochorda, Marseilles
44 cs, Dodge & Olcott Co, Exochorda, Marseilles
45 cs, Guaranty Trust Co, Exochorda, Marseilles
71 cs, Exochorda, Marseilles
42 cs, J Manheimer, Exochorda, Marseilles
14 cs, Thurston & Braidich, Exochorda, Marseilles
44 cs, Philadelphia National Bank, Exochorda, Marseilles
21 cs, Integrity Trust Co, Exochorda, Marseilles
19 cs, Societe Colonial Bambao, Exochorda, Marseilles
21 cs, Tradesmen National Bank, Exochorda, Marseilles
VIOLET MINERALS—1 kg, Maasdam, Rotterdam
WATER, MINERAL—3,200 cs, E & J Burke, Exochorda, Marseilles
1,300 cs, E & J Burke, Estrella, Marseilles
200 cs, D F Young, Ausonia, London
WAX, BEES—80 bgs, Strohmeyer & Arpe Co, Western World, Santos
80 bgs, D Steengrafe, Western World, Santos
49 bgs, Wm M Allison & Co, Examelia, Lisbon
80 bgs, Wessel, Duval & Co, Southern Prince, Santos
80 bgs, D Steengrafe, Southern Prince, Santos
160 bgs, Leghorn Trading Co, Southern Prince, Santos
3 bgs, Almena, Ciudad Trujillo
22 bgs, Machado & Co, Almena, Sanchez
16 bgs, Schutte & Focke, Almena, Sanchez
51 bgs, W R Grace & Co, Santa Clara, Talcahuano
23 bgs, Santa Clara, Havana
25 bgs, Panuco, Tampico
8 bgs, Siboney, Vera Cruz
137 bgs, Estrella, Lisbon
99 blocks, Speybank, Adan
48 bgs, Wm M Allison & Co, Estrella, Lisbon
19 bgs, Mecke & Co, San Juan, Azua
19 bgs, Schutte & Focke, San Juan, Azua
47 bgs, Wessel, Duval & Co, Examelia, Liebon
47 bowls, Strahl & Pitsch, Examelia, Lisbon
95 bgs, Examelia, Lisbon
110 bgs, Balfour, Guthrie & Co, Otho, Matadi
49 bgs, Oriente, Havana
CANDELILLA—120 bgs, Panuco, Tampico
798 bgs, M Argueso, Panuco, Tampico
61 bgs, Wm M Allison & Co, Panuco, Tampico
CARNAUBA—1,027 bgs, Strohmeyer & Arpe Co, Boniface, Parnahyba
223 bgs, Strohmeyer & Arpe Co, Boniface, Ceara
63 bgs, Innes, Speiden & Co, Boniface, Parnahyba
250 bgs, Bank of London South America, Boniface, Parnahyba
376 bgs, American Cyanamid & Chem Co, Boniface, Parnahyba
168 bgs, Wessel, Duval & Co, Boniface, Parnahyba
314 bgs, Boniface, Parnahyba
278 bgs, Boniface, Areca Branca
29 bgs, Smith & Nichols, Boniface, Natal
63 bgs, Wm M Allison & Co, Boniface, Parnahyba
313 bgs, Wm M Allison, Boniface, Ceara
166 bgs, American Cyanamid & Chem Co, Boniface, Natal
70 bgs, Innis, Speiden & Co, Boniface, Ceara
234 bgs, Smith & Nichols, Boniface, Ceara
89 bgs, Strahl & Pitsch, Boniface, Ceara
112 bgs, Bank of London South America, Boniface, Ceara
251 bgs, American Cyanamid & Chem Co, Boniface, Ceara
248 bgs, Boniface, Ceara
OZOKERITE—30 bgs, Heemsoth-Kernar Corp, Deutschland, Hamburg
204 bgs, Robt Dick, Deutschland, Hamburg
102 bgs, Innis, Speiden & Co, Manhattan, Hamburg
WINE LEES—333 bgs, Tartar Chem Works, Exchester, Tunis
WOODFLOUR—400 bgs, State Chem Co, Volendam, Rotterdam
YEAST—110 bbls, Vulkan Yeast Co, Deutschland, Hamburg
10 kgs, Deutschland, Hamburg
ZINC CHLORIDE—40 dms, Innis, Speiden & Co, Maasdam, Rotterdam
OXIDE—25 bbls, Philipp Bros, Geroistein, Antwerp
120 bbls, Innis, Speiden & Co, Geroistein, Antwerp
40 cks, African Metals Corp, Maasdam, Rotterdam
ZIRCON—2,000 bgs, Sneybank, Kocithottam

New York Transit Imports

ANNATTO SEED—50 bgs, J B Long & Co, Haiti, Kingston, Chicago
FILTER COMPOUND—100 cs, A V Fentser & Co, Manhattan, Hamburg, Buffalo
GELATIN—68 cs, American Express Co, Volendam, Rotterdam, Rochester
81 cs, American Express Co, Maasdam, Rotterdam, Rochester
440 cs, American Express Co, Black Heron, Rotterdam, Rochester
ISINGLASS—10 cs, Geo Sheldon & Co, Queen Mary, Southampton, Chicago
MENTHOL—45 cs, McKesson & Robbins, Taian, Kobe, Bridgeport
MUSTARD SEED—150 bgs, Jewett & Sherman, Augvald, Hamburg, Cleveland
OIL, ANISE—5 dms, Neumann, Buslee & Wolfe, Chinese Prince, Hongkong, Chicago
CHINAWOOD—1,298 tons, Warner G Smith Co, Taybank, Shanghai, Cleveland
918 tons, Warner G Smith Co, Chinese Prince, Shanghai, Cleveland
PALM KERNEL—523 dms, Allen B Wrisley Co, Maasdam, Rotterdam, Chicago
OPIUM—97 cs, Mallinckrodt Chem Works, Queen Mary, Southampton, St Louis
PYRETHRUM—125 bls, McKesson & Robbins, Taian, Kobe, Bridgeport
SESAME SEED—34 bgs, Jewett & Sherman Co, Chinese Prince, Hongkong, Cleveland
SPONGES—15 bls, Munargo, Havana, Havre
34 bls, Munargo, Havana, London
51 bls, Munargo, Havana, Kobe
REFUSE—5 bls, Munargo, Havana, Havre
28 bls, Munargo, Havana, Kobe
STARCH, POTATO—50 bgs, A Hoffman & Co, Maasdam, Rotterdam, Providence
WAX, MINERAL—60 bgs, American Shipping Co, Volendam, Rotterdam, Chicago

Baltimore Imports

BEETPULP, DRIED—2,240 bgs, Manchester Exporter, Manchester
BONEMEAL—2,206 bgs, City of Newport News, Hamburg
CHEMICALS—20 cks, City of Newport News, Hamburg
CHROME ORE—1,000 tons, Atlanta City, Calcutta
COALTAR DISTILLATE—200 dms, Cold Harbor, Liverpool
FERTILIZER, NITROGENOUS—2,080 bgs, McKeesport, Hull
FISH MEAL—5,947 bgs, Argentino, Buenos Aires
GREASE, WOOL—10 pkgs, B & O R R, Manchester Exporter, Manchester
INK, VARNISH—16 cs, Trans-Seas Shipping Co, McKeesport, Hamburg
IRON ORE—89 tons, Procter & Gamble Co, Cold Harbor, Liverpool
21,000 tons, Bethlehem Steel Co, Chilore, Cruz Grande
11,500 tons, Bethlehem Steel Co, Firmore, Daiquiri
OXIDE—55 bgs, 8 cks, E M & F Waldo, Cold Harbor, Liverpool
LIVER MEAL—454 bgs, Armour & Co, Argentino, Buenos Aires
MANGANESE ORE—2,700 tons, Amtorg Trading Corp, Chelyuskinets, Poti
7,300 tons, Amtorg Trading Corp, Kharkov, Poti
MIMOSA EXTRACT—490 double bgs, West Cawthon, Durban
MOLASSES—4,409 tons, Cub Distilling Co, Beaufort, Matanzas
603 tons, Cuba Distilling Co, Beaufort, Port Tarafa
OIL, CODLIVER—225 dms, 26 cks, order, City of Newport News, Hamburg
FUEL—76,400 bbls, Standard Oil Co N J, Reginolite, Aruba
PEATMOSS—980 bls, City of Newport News, Hamburg
POTASH, CHLORATE—100 kgs, Independence Hall, Havre
PYRITES—8,226 tons, Statira, Huelva
SALTPETER—181 bgs, McKeesport, Hamburg
SESAME SEED—140 bgs, Nankai, Hongkong
SMALTS PAINTER'S—5 cs—Caroline Prod. Co, City of Newport News, Hamburg, Chicago
SOAP, SOFT—76 dms, McKeesport, Glasgow
SOYBEAN MEAL—6,000 bgs, Nankai, Dairen
SUGARBEET PULP—4,429 bgs, Manchester Exporter, Manchester
SEED—300 bgs, Baltimore & Ohio R R Co, City of Newport News
TALLOW, EDIBLE—334 cks, Argentino, Buenos Aires
TANKAGE—1,443 bgs, Argentino, Buenos Aires
WATTLE BARK—275 bls, Tannin Corporation, West Cathon, Durban

Boston Imports

ACID, STEARIC—65 bgs, 11,250 lbs, Black Falcon, Antwerp
ALUM—250 bgs, Manufacturers Chemical Co, Braheholm, Gothenburg
BARIUM NITRATE—80 cks, 47,000 lbs, Black Falcon, Rotterdam
BONES, GRANULATED—7,020 bgs, 626,128 lb, Baron Jedburgh, Buenos Aires
CALCIUM, LACTATE—9 cks, 2,341 lbs, United Drug Co, Black Falcon, Rotterdam
NITRATE—400 bgs, Synthetic Nitrogen Products Corp, Toledo, Drammen
CARAWAYSEED—50 bgs, 5,511 lbs, Black Falcon, Rotterdam
CASEIN—417 bgs, 55,163 lbs, Chemical Bank & Trust Co, East Indian, Buenos Aires
CELERY SEED—20 bgs, 4,453 lbs, Exochorda, Marseilles
CHALK—500 bgs, 55,115 lbs, Black Falcon, Antwerp
CHEMICALS—25 dms, 159 bgs, 21 bbls, 75 cks, 87,432 lbs, African Metals Corp, Black Falcon, Antwerp
30 dms, 22,568 lbs, Black Falcon, Rotterdam
130 dms, 58,854 lbs, Chase National Bank, Black Falcon, Rotterdam
10 dms, Advance Solvents & Chemical Corp, Toledo, Drammen
572 bgs, Goslar, Hamburg
250 bgs, Ore & Chemical Corp, Goslar, Hamburg
127 cks, Goslar, Bremen
COALTAR DISTILLATE—100 dms, Monsanto Chemical Co, American Traveler, Liverpool
COCOA BEANS—500 bgs, 66,138 lbs, Daarnhouver & Co, West Imboden, Bahia: 1,600 bgs, Wood & Selick, Goslar, Hamburg
COCONUTS, DESIC—415 cs, Franklin Baker Co, Peter Maersk, Manila
EMERY FILLET—2 cs, Atkinson, Haserick & Co, American Traveler, Liverpool
EXTRACTS—2 cs, Gustav Martin, American Traveler, Liverpool
FENNEL SEED—1 bg, 48 lbs, Stone & Downer, Black Falcon, Rotterdam
FERTILIZER—175 bgs, Goslar, Bremen
FISH LIVERS—100 cs, Asano Bussan Co, Noshiro, Yokohama
500 tins, from Japan
FLAVORING POWDER—50 pkgs, 11,000 lbs, Wang Yue Tai, Peter Maersk, Shanghai
FLINT STONES—114 crtns, 42,461 lbs, Buebendorf Bros, Produce Exchange, Black Falcon, Antwerp
FORMALDEHYDE, SODA HYDROSULPHITE —20 kegs, Philipp Bros, Scythia, Liverpool
GAMBIER—110 cs, Taybank, Singapore
GLASS, PLATE—2 cs, 4,939 lbs, Karas & Karas Glass Co, Black Falcon, Antwerp
32 cs, 103,285 lbs, Pittsburgh Plate Glass Co, Black Falcon, Antwerp
WINDOW—262 cs, 17,416 lbs, First National Bank, Black Falcon, Antwerp
GLUE—50 dms, 5,504 lbs, Chase National Bank, Black Falcon, Antwerp
200 bgs, 22,839 lbs, Rex & Reynolds, Exochorda, Marseilles
GLUESTOCK, FISH BONES—101 bgs, Russia Cement Co, Yarmouth, Yarmouth
1 bbl, R S Hamilton, Yarmouth, Yarmouth
18 bxs, 1 pkg, J R Poole Co, Yarmouth, Yarmouth
6 bbls, R Ranagan, Yarmouth, Yarmouth
2 bbls, George Willey, Yarmouth, Yarmouth
HIDE CUTTINGS—336 bgs, 25 tons, 5 cwt, 1 qtr, 13 lbs, Scythia, Liverpool
GLYCERIN—30 dms, 38,979 lbs, Irving M Sobin & Co, Black Falcon, Antwerp
20 dms, 25,324 lbs, Black Falcon, Rotterdam
20 dms, 24,359 lbs, Black Falcon, Antwerp
30 dms, 39,180 lbs, Irving M Sobin & Co, Black Falcon, Antwerp
10 dms, 12,198 lbs, Black Falcon, Antwerp
GUM, ARABIC—100 bgs, 22,487 lbs, City of Rangoon, Port Sudan
100 bgs, Brown Bros-Harriman & Co, Goslar, Hamburg
150 bgs, Goslar, Hamburg
COPAL—189 bskts, Manufacturers Trust Co, Chinese Prince, Macassar
GHATTI—57 bgs, City of Rangoon, Colombo
INDUSTRIAL—10 cks, 2,557 lbs, Exochorda, Marseilles
40 bgs, 2 tons, 1 cwt, 2 qtrs, 5 lbs, J P Marston, Scythia, Liverpool
LOCUST BEAN—40 triple bgs, 2 tons, 2 qtrs, 24 lbs, Scythia, Liverpool
IRON, OXIDE—3 cks, 16 cwt, 3 qtrs, 5 lbs, McLaughlin & Freeman, Scythia, Liverpool
LOCUST BEAN MEAL—13 cks, 2 tons, 8 cwts, 2 qtrs, 3 lbs, Arnold Hoffman & Co, Scythia, Liverpool
MAGNESITE—200 bgs, 44,092 lbs, Black Falcon, Rotterdam
MARJORAM LEAVES—40 bgs, 60 bls, 11,089 lbs, Exochorda, Marseilles
MEDICINAL PREPS—7 cs, United Drug Co, Scythia, Liverpool
MICA, BLOCK—11 cs, Steel Exporter, Calcutta
21 cs, City of Rangoon, Calcutta
SCRAP—3,949 bgs, Steel Exporter, Calcutta
SPLITTINGS—100 cs, Steel Exporter, Calcutta
500 cs, City of Rangoon, Calcutta
135 cs, Wallace Bros & Co, City of Rangoon, Calcutta
NUTGALLS—168 bgs, 22,848 lbs, Industrial Trust Co, Peter Maersk, Shanghai
NUTMEGS—21 bgs, Modjokerto, Padang
OCHER—20 cks, 12,200 lbs, Reichard Coulston, Exochorda, Marseilles
OIL, CHINAWOOD—100 dms, 47,023 lbs, Peter Maersk, Hongkong
COD—50 dms, Kehew Bradley Co, Toledo, Kristiansund
CODLIVER—150 dms, Toledo, Bergen
40 dms, Goslar, Hamburg
FUEL—60,805 bbls, Mexican Petroleum Corp, William Strachan, Aruba
OLIVE—50 cs, 5,952 lbs, Exochorda, Genoa
TEASEED—50 dms, 23,045 lbs, Melchers Inc, Peter Maersk, Hongkong
OSSEIN—6,108 bgs, 776,647 lbs, Black Falcon, Antwerp
PEATMOSS—2,950 bls, Goslar, Bremen
PEPPER—50 bgs, First National Stores, Scythia, Liverpool
POPPYSEED—50 bgs, 5,511 lbs, Black Falcon, Rotterdam
200 bgs, Boston Brokerage Co, Goslar, Hamburg
QUEBRACHO EXTRACT—30,331 bgs, 3,231,994 lbs, Tannin Corp, East Indian, Buenos Aires
SHELLAC—50 cs, 9,328 lbs, Black Falcon, Rotterdam
50 cs, Grace National Bank, Manipur, Calcutta
25 cs, Bank of London & South American, Manipur, Calcutta
75 bgs, 100 chsts, Steel Exporter, Calcutta
50 bgs, First National Bank, City of Rangoon, Calcutta
50 bgs, Gillespie, Rogers, Pyatt Co, City of Rangoon, Calcutta
25 bls, 50 bgs, Chase National Bank, City of Rangoon, Calcutta
15 chsts, City of Rangoon, Calcutta
75 bgs, Bank of the Manhattan Co, City of Rangoon, Calcutta
BUTTON LAC—88 bgs, Steel Exporter, Calcutta
25 bgs, City of Rangoon, Calcutta
SEED LAC—100 bgs, Steel Exporter, Calcutta
100 bgs, First National Bank, City of Rangoon, Calcutta
SOAP—100 cs, 4,213 lbs, Conti Products Corp, Exochorda, Leghorn
CASTILE—732 cs, 88,380 lbs, First National Bank, Exochorda, Marseilles
SODA, BINARSENIATE—5 cks, 1 ton, 12 cwt, 2 qtrs, 18 lbs, Scythia, Liverpool
HYDROSULPHITE—40 kgs, Philipp Bros, Inc, Scythia, Liverpool
SOYBEAN MEAL—8,000 bgs, Mitsubishi Trading Co, Noshiro, Osaka
SUNFLOWER SEED—133 bgs, Thomas W Emerson Co, Goslar, Hamburg
TANKAGE—1,000 bgs, 110,230 lbs, Chase National Bank, Baron Jedburgh, Buenos Aires
1,000 bgs, 110,230 lbs, Baron Jedburgh, Buenos Aires
TAPIOCA FLOUR—510 bgs, Chinese Prince, Batavia
1,048 bgs, Arnold Hoffman Co, Taybank, Pasoeroean
276 bgs, First National Bank, Taybank, Pasoeroean
500 bgs, First National Bank, Taybank, Cheribon
250 bgs, Rhode Island Hospital Trust Co, Taybank, Cheribon
4,384 lbs, National City Bank, Modjokerto, Sourabaya
TOILET PREPS—1 bx, J P Marston Co, Scythia, Liverpool
WATER, MINERAL—175 cs, 15,157 lbs, M J Burke, Exochorda, Marseilles
WAX, BLACK—135 bgs, Irving M Sobin & Co, Goslar, Hamburg
WOOD PRESERVATIVE—3 dms, 13 cwt, 8 lbs, Cuprinol, Inc, Scythia, Liverpool

Gloucester Imports

COD OIL CAKE—34 csks, 53 bbls, from Nova Scotia
OIL, COD—52 bbls, Davis Bros, Fisheries Co, Baronet, Digby, N S
193 dms, and 11 bbls, from Nova Scotia

Houston Imports

ASPHALT—2,366 dms, Gard, Trinidad
GLASS, PLATE—36 cs, Breedyk, Antwerp
OIL, PALM—282,487 kilos, Breedyk, Rotterdam
PEATMOSS—4,754 bls, Breedyk, Rotterdam

Los Angeles Imports

AMMONIA SULPHATE—4,928,000 lbs, Yoshu, Osaka
BABASSU KERNELS — 332,480 lbs, Brandanger, Maranhao
222,167 lbs, Brandanger, S Luis
11,669 bgs, 1,543,240 lbs, Leikanger, Maranhao
1,667 bgs, 220,500 lbs, Hollywood, Maranhao
1,417 bgs, 187,390 lbs, West Ira, Maranhao
BLEACHING POWDER—21,840 lbs, West Ira, Canal Zone
BONE MEAL—112,000 lbs, Cuba, Tsingtao
220,000 lbs, Golden Sun, Tsingtao
CALCIUM NITRATE—15,274,560 lbs, Granville, Oslo
CANARY SEED—329 bgs, 44,470 lbs, West Ira, Buenos Aires
CASSIA—3,330 lbs, President Lincoln, Canton
CHARCOAL CRAYONS—450 lbs, San Jose, Paris
WOOD—80 lbs, Koyei, Yokohama

CHEMICAL COMPOUNDS—150 lbs, Keisho, Yokohama
PHOTO—30 lbs, from Stuttgart
COALTAR PROD—20 lbs, Koyei, Kobe
10 lbs, Koyei, Yokohama
COCONUTS—56,000 lbs, San Simeon, Colon
COPRA—638,400 lbs, Olympia, Cebu
4,737,600 lbs, Golden Sun, Cebu
812,000 lbs, Golden Sun, Manila
223,990 lbs, Golden Star, Cebu
MEAL—540,000 lbs, Kota Agoeng, Philippine Islands
44,900 lbs, Saparoea, Manila
100,000 lbs, Saparoea, Philippine Islands
1,344,000 lbs, Golden Star, Manila
600,000 lbs, Golden Star, Cebu
140,000 lbs, from Philippine Islands
1,720,000 lbs, Golden Peak, Manila
1,288,000 lbs, Golden Peak, Legaspi
180,000 lbs, Kota Agoeng, Philippine Islands
COTTON LINTERS—70 bls, 22,000 lbs, Hollywood, Sao Paulo
9,810 lbs, Brandanger, Sao Paulo
DRUGS, ADVANCE—27,500 lbs, Hardanger, Para
CRUDE—100 lbs, Pleasantville, Canton
470 lbs, Pleasantville, Hongkong
960 lbs, President Lincoln, Canton
DYE, HAIR—1,280 lbs, Koyei, Kobe
FERTILIZER—100,000 lbs, Shunten, Kobe
100,000 lbs, Golden Sun, Dairen
SUBST—200,000 lbs, Nichiyo, Yokohama
100,000 lbs, Nichiyo, Osaka
2,200 lbs, Taiyo, Yokohama
2,490 lbs, Keisho, Kobe
FLAXSEED—2,046,700 lbs, India, Tientsin
GLASS, PLATE—24 cs, 25,940 lbs, President Harding, Prague
SHEET—14 cs, 3,900 lbs, Tacoma, Breslau
GUM, COPAL—18,450 lbs, President Lincoln, Macassar
DAMMAR—5,600 lbs, Saparoea, Singapore
ELEMI—3,300 lbs, Golden Sun, Manila
INK—40 lbs, Koyei, Tokio
PRINTING—310 lbs, Vancouver, Berlin
WRITING—80 lbs, Pleasantville, Hongkong
INSECTICIDE—380 lbs, Taiyo, Yokohama
LICORICE PELLETS, MED—300 lbs, Amerika, Copenhagen
MEDICINAL PREP'S—40 lbs, Koyei, Yokohama
592 lbs, Koyei, Kobe
1,130 lbs, President Lincoln, Canton
50 lbs, from London
20 lbs, Taiyo, Yokohama
2,400 lbs, from Ireland
MILLET SEED—55,670 lbs, West Mahwah, Buenos Aires
398 bgs, 55,670 lbs, Leikanger, Buenos Aires
MINERALS, CRUDE—123,200 lbs, Saparoea, Calcutta
NUTMEGS—20 pkgs, 4,000 lbs, Hollywood, Port Spain
OIL, CASTOR—30,000 lbs, Nichiyo, Nagoya
CHINAWOOD—112,000 lbs, Golden Sun, Hankow
CITRONELLA—11,320 lbs, Kota Agoeng, Colombo
4,500 lbs, Kota Agoeng, Batavia
COTTONSEED—111,840 lbs, West Mahwah, Sau Paulo
120,000 lbs, Koyei, Kobe
1,232,000 lbs, Bordeaux, Tientsin
662,250 lbs, Hollywood, Pernambuco
532 dms, 123,680 lbs, West Ira, San Paulo
400 dms, 160,000 lbs, Brandanger, Pernambuco
534 dms, 223,680 lbs, Brandanger, Sao Paulo
EUCALYPTUS—830 lbs, Monterey, Sydney
HAIR—20 lbs, Koyei, Kobe
OLIVE—34,540 lbs, from Seville
10,880 lbs, President Monroe, Genoa
45,610 lbs, from Spain
PALM—1,231,000 lbs, Saparoea, Medan
117,240 lbs, Saparoea, Medan
PEANUT—3,000 lbs, Pleasantville, Hongkong
RAPESEED—10 lbs, Koyei, Kobe
SOYBEAN—108,000 lbs, Golden Sun, Dairen
PEATMOSS—64,960 lbs, Buenos Aires, Malmo
POTASH, SULPHATE—200,000 lbs, Portland, Hamburg
PYRETHRUM FLOWERS—7,840 lbs, Hokkai, Kobe
QUEBRACHO EXTRACT—32,700 lbs, Hollywood, Buenos Aires
RAPESEED—82,450 lbs, Koyei, Kobe
20,000 lbs, Tsuyama, Kobe
29,920 lbs, Shunten, Kobe
RICE FLOUR—170 lbs, Koyei, Kobe
180 lbs, Pleasantville, Hongkong
80 lbs, Keisho, Yokohama
490 lbs, Keisho, Kobe
SARDINE MEAL—2,400,000 lbs, India, Keijo Chosen
2,100,000 lbs, India, Tokio
521,920 lbs, Kosei, Kobe
SESAME SEED—150 lbs, Koyei, Yokohama
10,000 lbs, Nojima, Shanghai
240 lbs, Keisho, Kobe
SOAP, SOFT—980 lbs, Laurits Swenson, Oslo
SOYBEAN—600 bgs, Koyei, Yokohama
MEAL—769,600 lbs, India, Dairen
250,000 lbs, Golden Sun, Dairen
TALLOW, VEGETABLE—12,000 lbs, Leikanger, Para
108,780 lbs, Kokl, Shanghai
TANKAGE—405,400 lbs, West Ivis, Montevideo
TAPIOCA FLOUR—1,880 lbs, Pleasantville, Hongkong
22,320 lbs, Silverbelle, Sourabaya
TOILET PREP'S—190 lbs, Koyei, Yokohama
180 lbs, from London
TUCUM KERNELS—7,830 lbs, Leikanger, Maranhao
VARNISH—60 lbs, San Jose, Paris
WAX, CARNAUBA—17 bgs, 2,250 lbs, Hollywood, Bahia
39 pkgs, 7,740 lbs, Hollywood, Ceara
57 bgs, 11,310 lbs, West Ira, Bahia

Mobile Imports

BAUXITE ORE—2,800 tons, Gard, Paramaribo
SODA NITRATE—2,053 tons, Frederika Lensen, Iquique

New Orleans Imports

BAUXITE ORE—2,190 tons, Republic Mining & Mfg Co, Dalvangen, Paramaribo
2,614 tons, Republic Mining & Mfg Co, Havso, Paramaribo
2,265 tons, Republic Mining & Mfg Co, Maravi, Paramaribo
COCOA BEANS—7,000 sks, Fruit Dispatch Co., Newsome, Bocas del Toro
COCONUTS—100 sks, J Meyer, Lysefjord, Belize
150 sks, Lysefjord, Belize
GUM, CHICLE—182 sks, Guaranty Trust Co, Lysefjord, Belize
583 bls, Wm Wrigley, Jr, Lysefjord, Belize
MOLASSES—7,415 tons, Catahoula, Matanzas
856,205 gls, Commercial Molasses Corp, Kishacoquillas, Santiago
MOLASSES—7,415 tons, Catahoula, Matanzas
856,205 gls, Commercial Molasses Corp, Kishacoquillas, Santiago
578,776 gls, Commercial Molasses Corp, Kishacoquillas, Cienfuegos
PEPPER—243 sks, Soemba, Penang
TAPIOCA FLOUR—250 sks, Chase National Bank, Soemba, Batavia
542 sks, Guaranty Trust Co, Soemba, Batavia

Norfolk Imports

AMMONIA SULPHATE—107 tons, Spaardam, Rotterdam
CHEMICALS—100 cks, Advance Solvents & Chem Corp, Spaarndam, Rotterdam
DYES, INTERMEDIATES—81 cks, Cincinnati Chem Co, Spaarndam, Rotterdam
OIL, COTTONSEED—579 tons, Spaarndam, Rotterdam
QUEBRACHO EXTRACT—23,737 bgs, 2,553,561 lbs, Tannin Corp, The Angeles, Buenos Aires
SALT—2,043 tons, Southern Salt Co, Gyda, Cockburn
TALC—250 bgs, Whitaker, Clark & Daniels, Sarcoxie, Dunkirk
1,600 bgs, 458 tons, L A Salomon & Bros, Sarcoxie, Dunkirk

Philadelphia Imports

ALBUMEN, EGG, HEN—28 cs, American Cyanamid & Chemical Corp, Kiyosumi, Tientsin
AMMONIAC SAL—40 cks, Konigsberg, Hamburg
ASBESTOS, CRUDE—1,334 bgs, Raw Asbestos Distributors, West Cawthon, Beira
BARYTES—500 bgs, Nordhavet, Genoa
BLACK, BONE—25 bgs, Nordhavet, Genoa
BONE MEAL—544 bgs, Hoegh Transporter, Flume
1,100 bgs, Ida, Flume
BONES—100,000 kilos, Baugh & Sons Co, Hameln, Buenos Aires
CASEIN—250 bgs, Hameln, Buenos Aires
CHALK—150 bgs, L A Salomon & Bro, Konigsberg, Hamburg
CHEMICALS—991 cks, Hagen, Bremen
100 bgs, P Bauer Co, Konigsberg, Hamburg
50 cks, American Cyanamid & Chemical Corp, Konigsberg, Hamburg
100 cks, J W Hampton, Jr & Co, Konigsberg, Hamburg
450 bgs, Konigsberg, Bremen
1 dm, Advance Solvents & Chemical Corp, Toledo, Drammen
CHILLIES—112 bgs, Volkart Bros, Kiyosumi, Kobe
CHROME ORE—3,247.32 tons, Cuban Industrial Ore Co, Spind, Nuevitas
4,016 tons, 15 cwt, 25 lbs, E J Lavino & Co, West Cawthon, Beira
CLAY—100 tons, Moore & Munger, Bristol City, Bristol
200 tons, United Clay Mines Corp, Bristol City, Bristol
40 tons, T H Sant & Son Co, Bristol City, Bristol
COCOA BEANS—300 bgs, Hagen, Hamburg
1,410 bgs, Hagen, Hamburg
CORK—9,857 bls, Armstrong Cork Co, Gerdo Toft, Algeciras
1,160 bls, Ida, Palermo
1,500 tons, Bretagne, Lisbon
350 bls, Nordhavet, Seville
2,086 bls, Armstrong Cork Co, Nordhavet, Seville
475 bls, Wicander & Co, Nordhavet, Lisbon
DRUGS, CRUDE—20 cs, Phila Natl Bank, Konigsberg, Hamburg
ETHYLENE DIBROMIDE—68 dms, Overseas Trading & Finance Corp, Konigsberg, Hamburg
FERROMANGANESE—15 waggons, Wm H Muller & Co, Argosy, Gdynia
FLINT PEBBLES—600 bgs, Golding Sons Co, Scanstates, Copenhagen
FLAXSEED—4,543 bgs, 6,420 tons, Zurichmoor, Santa Fe
FLUORSPAR—64,940 lbs, Standard Bank of South Africa, West Cawthon, Durban
264,970 kilos, Wm H Muller & Co, Hagen, Bremen
3,048 bgs, 203,200 kilos, General Chemical Co, Hagen, Bremen
FUSTIC WOOD—1,700 tons, American Dyewood Co, Marpesia, Corinto
GAMBIER—200 cs, Chase Natl Bank, Phemius, Penang
GASOLINE—5 dms, Cohen & Mann, Bristol City, Bristol
GREASE, LUBRICATING—13 dms, 27 bbls, Nordhavet, Genoa
HOPS—5 bls, Hagen, Hamburg
MAGNESITE—26,222 bgs, Harbison Walker Refractories Co, Ida, Trieste
MANGANESE ORE—10 cks, Wm H Muller & Co, Hagen, Hamburg
MATCHES—1 cs, Koons Wilson & Co, Hagen, Hamburg
MENTHOL—50 cs, McKesson & Robbins, Nankai, Kobe
50 cs, Vick Chemical Co, Taian, Kobe
30 cs, McKesson & Robbins, Taian, Kobe
MOLASSES—524,149 gls, E I Du Pont de Nemours & Co, Cassimir, San Pedro de Macoris
152,048 gls, E I Du Pont de Nemours & Co, Cassimir, Puerto Plata
674,477 gls, E I Du Pont de Nemours & Co, Cassimir, La Romana
265,754 gls, E I Du Pont de Nemours & Co, Carrabulle, Antilla
1,084,206 gls, E I Du Pont de Nemours & Co, Carrabulle, Bufadero
MUSTARD SEED—200 bgs, North German Lloyd, Konigsberg, Hamburg
NAPHTHALENE—549 bgs, Barrett Co, Bristol City, Bristol
3,125 bgs, Argosy, Gdynia
OIL—10 bbls, H A Saffer, Konigsberg, Hamburg
CHINAWOOD—200 tons, W R Grace & Co, Nankai, Hankow
COD, TECHNICAL—100 dms, Konigsberg, Hamburg
3 dms, W Fischer, Inc, Toledo, Kristiansund
CODLIVER—291 dms, Dichmann, Wright & Pugh, Hagen, Hamburg
25 dms, Shoemaker & Busch, Hagen, Hamburg
75 dms, Allen Forwarding Co, Konigsberg, Hamburg
100 dms, Silmo Chemical Co, Konigsberg, Hamburg
80 bbls, Phila Wholesale Drug Co, Toledo, Bergen
75 dms, Allen Forwarding Co, Toledo, Bergen
200 dms, J A McCarthy, Toledo, Bergen
MINERAL—20 dms, Konigsberg, Hamburg
LUBRICATING—20 bbls, 14 dms, 1 crate, 2 cs, Nordhavet, Genoa
OLIVE—725 cs, Livenza, Leghorn
3 cs, General Shipping & Trading Co, Livenza, Palermo
TEASEED—100 dms, Mitsui & Co, Nankai, Hankow
PAPRIKA—50 bgs, R T French Co, Konigsberg, Hamburg
PEATMOSS—1,100 bls, Hagen, Bremen
PEPPER, BLACK—492 bgs, Phemius, Batavia
PETROLEUM, CRUDE—78,519.34 bbls, Gulf Oil Corp, Davanger, Tampico
POTASH, MURIATE—1 lot, N V Potash Export Mij, Konigsberg, Hamburg
SULPHATE—1,000 bgs, N V Potash Export Mij, Hagen, Bremen
RUTILE ORE—600 bgs, Argentino, Santos
SALTPETER—182 bgs, Hagen, Bremen
182 bgs, Konigsberg, Hamburg
635 bgs, Konigsberg, Bremen
SARDINE MEAL—2,000 bgs, Wessel, Duval & Co, Taian Maru, Kobe
7,700 bgs, Mitsubishi-Shoji-Kaisha, Ltd, Taian Maru, Kobe
SEAWEED—60 bgs, F B Vandegrift & Co, Konigsberg, Hamburg
SHELLAC—500 bgs, Chase National Bank, Speybank, Calcutta
125 bgs, Grace National Bank, Speybank, Calcutta
100 bgs, Speybank, Calcutta
SOAP POWDER—7 dms, 11 bbls, Nordavet, Genoa
SODA ASH—18 dms, Nordhavet, Genoa
PRUSSIATE—508 cs, Nat City Bank, Nankai, Osaka
SILICOFLUORIDE—300 bgs, Argosy, Copenhagen
300 bgs, Konigsberg, Bremen
SOYBEAN MEAL—2,000 bgs, Balfour, Guthrie & Co, Nankai, Dairen
STRONTIUM SULPHATE—50 tons, Bristol City, Bristol
TALC—500 bgs, Whittaker, Clark & Daniels, Sarcoxie, Bordeaux
TANKAGE—405 bgs, Argentino, Buenos Aires
1,533 cs, 35 bgs, Phila Nat Bank, Argentino, Buenos Aires
2,840 bgs, Hameln, Buenos Aires
762 cs, C Hollinshed Co, Toledo, Hurum
TAPIOCA FLOUR—320 bgs, Nat City Bank, City of Wellington, Sourabaya
365 bgs, Balfour, Guthrie & Co, City of Wellington, Panaroekan
500 bgs, Bank of New York & Trust Co, City of Wellington, Cheribon
459 bgs, Stein, Hall & Co, Phemius, Cheribon
250 bgs, Rutger, Bleecker & Co, Phemius, Cheribon
827 bgs, Guaranty Trust Co, Phemius, Pasoeroean
755 bgs, Rutger, Bleecker & Co, Phemius, Batavia
VARNISH—1 dm, 1 crt, Nordhavet, Genoa
WATTLE BARK—1,017 bgs, Tannin Corp, West Cawthon, Durban
WHALEBONE MEAL—720 bgs, First Nat Bk, Toledo, Stavanger
WOODFLOUR—1,500 bgs, M L Soberski, Toledo, Greaker

San Francisco Imports

AMMONIA PHOSPHATE—2,000 sks, Mitsubishi Shoji Kaisha, Koyei, Kobe
SULPHATE—10,000 sks, Mitsubishi Shoji Kaisha, Koyei, Kobe
ARSENIC, WHITE—400 cs, Balfour, Guthrie & Co, Koyei, Kobe
BABASSU NUTS—5,000 sks, West Ira, Maranhao
1,666 sks, Bank of California, N A, West Ira, Maranhao
3,386 sks, Bank of California, N A, Leikanger, Tutoya
5,080 sks, American Trust Co, Leikanger, Tutoya
6,772 sks, Bank of California, N A, Leikanger, Tutoya (for Oakland)
BLEACHING POWDER—25 cs, 75 dms, San Pedro, Newcastle
CALCIUM ARSENATE, POWD—1 cs, 1 dm, International Arading Co, Tohsei, Kobe
TARTRATE—1,885 bgs, West Ivis, Buenos Aires
CAMPHOR—5 cs, F S Sakamaki, Tohsei, Kobe
CANARY SEED—245 sks, West Ivis, Buenos Aires
CASHEW SHELL LIQUID—5 dms, President Monroe, Bombay
CHILLIES—100 sks, American Commerce Co, Koyei, Kobe
COCOA BEANS—800 sks, H A Phillips & Co, West Ivis, Bahia
2,450 sks, H A Phillips & Co, West Ira, Bahia
COCONUT, DESIC—640 cs, Connell Bros Co, Tai Yin, Davao
75 cs, Durkee Famous Foods, Tai Yin, Manila
5,251 cs, Franklin Baker Co, Tai Yin, Manila
COTTONSEED MEAL—2,000 sks, Balfour, Guthrie & Co, Koyei, Kobe
CYANAMIDE—2,000 sks, Balfour, Guthrie & Co, Koyei, Kobe
DEGRAS—30 dms, Koyei, Kobe
DENTIFRICE—2 cs, Tambara & Co, Tohsei, Kobe
FERROPHOSPHORUS—1,000 cs, West Ira, Balboa (transhipped; from Yokohama)
FLAXSEED—8,792 sks, Louis Dreyfus & Co, West Ivis, Rosario
FLINT PEBBLES—200 sks, Canada, Copenhagen (for Oakland)
LINSEED MEAL—1,000 sks, Wilbur-Ellis Co, Tohsei, Kobe
1,000 sks, Mitsubishi Shoji Kaisha, Tohsei, Kobe
LINSEED MEAL—500 sks, Mitsubishi Shoji Kaisha, Koyei, Kobe
2,600 sks, Mitsubishi Shoji Kaisha, West Ira, Balboa (transhipped; from Osaka)
MANDIOCA MEAL—305 sks, West Ivis, Bahia
340 sks, West Ira, Bahia
MATCHES—3 cs, East Asiatic Co, Canada, Copenhagen
MEDICINAL PREPS—1 cs, Tambara & Co, Tohsei, Kobe
MILLET SEED—666 sks, Ed F Mangelsdorf & Bros, Tohsei, Dairen
254 sks, Louis Dreyfus & Co, West Ira, Rosario
410 sks, Louis Dreyfus & Co, Leikanger, Rosario
NUTMEGS—35 sks, B C Ireland, West Ivis, Trinidad
OIL, CHINAWOOD—653 dms, East Asiatic Co, Tohsei, Shanghai
COTTONSEED—Quantity, Durkee Famous Foods, Tohsei, Moji
Quantity, Best Foods, Tohsei, Kobe
COTTONSEED, SEMI-REF'D—300 dms, Durkee Famous Foods, Inc., Tohsei, Kobe
EUCALYPTUS—1 dm, H M Newhall & Co, Koyei, Kobe
OLIVE—125 dms, A Guiriani & Bro, President Monroe, Genoa
SESAME, CRUDE—134 dms, M W Park & Co, Tohsei, Shanghai
SOY BEAN—100 bbls, Pacific Vegetable Oil Corp, Tohsei, Dairen
PEATMOSS—60 pkgs, Tambara & Co, Tohsei, Kobe
PYRETHRUM FLOWERS—25 bls, Buhach Products & Mfg Co, Tohsei, Kobe
QUEBRACHO EXTRACT—200 sks, International Products Corp, West Ivis, Buenos Aires
1,300 sks, International Products Corp, West Ira, Buenos Aires
SESAME MEAL—2,000 sks, Wilbur-Ellis Co, Koyei, Kobe
2,000 sks, Balfour, Guthrie & Co, Koyei, Kobe
2,000 sks, Mitsubishi Shoji Kaisha, Koyei, Kobe
SILVERSAND—1,000 tons, Balfour, Guthrie & Co, San Pedro, Antwerp
600 tons, Balfour, Guthrie & Co, San Pedro, Antwerp (optional Oakland)
SODA NITRATE—250 tons, Chilean Nitrate Sales Corp, Charcas, Tocopill (for Oakland)
SOYBEAN MEAL—2,000 sks, Mitsubishi Shoji Kaisha, Tohsei, Dairen
4,000 sks, Balfour, Guthrie & Co, Tohsei, Dairen
500 sks, Mitsui & Co, Tohsei, Dairen
STEARIN—56 dms, West Ira, Santos
TANKAGE—4,020 sks, West Ivis, Montevideo
WATER, MINERAL—75 cs, E & J Burke, President Monroe, Marseilles
WAX, CARNAUBA—36 bgs, Bank of California, Leikanger, Tutoya
WHITING—500 sks, San Pedro, Antwerp

Savannah Imports

DEXTRIN, POTATO—150 bgs, Schoharie, Rotterdam
FERTILIZER—181 bgs, Fluorspar, Hamburg
NITROGENOUS—10,000 bgs, Schoharie, Rotterdam
LACQUER—300 bgs, Schoharie, Rotterdam
LEATHER MEAL—3,000 bgs, Schoharie, Rotterdam
MEAL—1,262 bgs, Schoharie, Rotterdam
OIL PALM—Quantity, Silvercedar, Belawan, Deli
PEATMOSS—567 bls, Fluorspar, Hamburg
POTASH MANURE SALT—Quantity, Fluorspar, Hamburg
SALTPETER—454 bgs, Fluorspar, Hamburg
SODA NITRATE—10,703,600 kilos, Tarvanger, Tocopilla
10,660 tons, Greylock, Tocopilla
STARCH, POTATO—4,500 bgs, Schoharie, Rotterdam
SOLUBLE—250 bgs, Schoharie, Rotterdam

Tampa Imports

TOILET PREPS—3 ctns, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Ancon, January 12; Atlantida, February 11; Aurania, January 19; Burgos, February 5; Calamares, February 13; Carabobo, January 27; Cauto, February 1; Cingalese Prince, February 9; City of Swansea, January 13; Cristobal, February 10; Emile Francqui, February 10; Exeter, February 2; Fort Amherst, February 4; Gatun, February 5; Gloucester City, February 13; Hansa, February 13; Idra, February 16; Ilsenstein, February 13; Kwanto, December 23; Lara, February 3; Marna, February 13; Munargo, January 23; Musa, February 13; Nailsea Manor, February 10; Orizaba, January 29; Pan America, February 13; Pastores, February 11; Penrith Castle, February 13; Ponce, February 13; Quirigua, February 11; Sagaporack, February 11; Samaria, February 11; Santa Lucia, February 11; Santa Maria, February 5; Scanpenn, January 29; Surrey, January 12; Washington, February 9

ACETONE—830 lbs, Gatun, Santiago
ACID, ASCORBIC—330 lbs, Hansa, Hamburg
MURIATIC—9,250 lbs, Musa, Porto Cortes; 10,615 lbs, Santa Maria, Antofagasta; 5,750 lbs, Calamares, Cartagena
NITRIC—7,415 lbs, Santa Maria, Antofagasta
SULPHURIC—23,085 lbs, Ponce, Ponce; 6,750 lbs, Cristobal, Cristobal; 17,261 lbs, Marna, Callao
TARTARIC—10,455 lbs, Pastores, Porto Colombia
ALCOHOL—9,460 gls, Ancon, Cristobal
AMMONIA, ANHYD—20,464 lbs, Pan America, Santos
SULPHATE—(Burgos) 113,250 lbs, St Kitts; 305,775 lbs, Antigua
ASPHALT—5,558 lbs, Washington, Hamburg
LIQUID—39,461 lbs, American Farmer, London
SOLID—23,139 lbs, Munargo, Nassau
BAKING POWDER—11,750 lbs, Hansa, Helsingfors
BLEACHING POWDER—5,018 lbs, Cingalese Prince, Manila
CALCIUM ARSENATE—67,045 lbs, Marna, Buenaventura
CHLORIDE—88,205 lbs, Munargo, Nassau
CARBON BISULPHIDE—12,776 lbs, Marna, Buenaventura
CHEMICALS—9,080 lbs, Kwanto, Yokohama; 1,800 lbs, American Farmer, London
CLAY—52,025 lbs, Nailsea Manor, Marseilles; 33,600 lbs, Hansa, Hamburg
POWDERED—20,400 lbs, Kwanto, Yokohama
COALTAR—8,219 lbs, Marna, Guayaquil
COLOR, DRY—2,200 lbs, Musa, Porto Barrios; 7,652 lbs, Surrey, Wellington; 3,430 lbs, Cristobal, Amapala
CORN FLOUR—132,540 lbs, Cingalese Prince, Manila; (Calamares) 690 lbs, Amapala; 2,435 lbs, San Juan; 849 lbs, Quirigua, Havana
SUGAR—7,050 lbs, Gloucester City, Bristol; (Kwanto) 41,877 lbs, Yokohama; 28,210 lbs, Yokohama or option; 964 lbs, Fort Amherst, St Johns; 1,537 lbs, Musa, Porto Barrios; 7,693 lbs, Quirigua, Havana
CREAM TARTAR—613 lbs, Marna, Buenaventura
DEXTRIN—4,512 lbs, Surrey, Wellington
CORN—2,256 lbs, Surrey, Dunedin
DRUGS—4,588 lbs, American Farmer, London
DYES—13,615 lbs, Orizaba, Vera Cruz; 13,609 lbs, Pan America, Buenos Aires; 8,202 lbs, Hansa, Hamburg; 2,438 lbs, Sagaporack, Helsingfors
EPSOM SALT—58,350 lbs, Quirigua, Havana
FELDSPAR—10,700 lbs, American Farmer, London
FERROSILICON—56,470 lbs, Aurania, London
FERTILIZER—34,020 lbs, Burgos, Granada
GASOLINE—5,000 gls, City of Swansea, Port Louis
AVIATION—(Surrey) 49,500 gls, Auckland; 35,750 gls, Wellington
GLUCOSE—90,020 lbs, Penrith Castle, Manila
GREASE, LUBRICATING—149,105 lbs, Aurania, Liverpool: (Cingalese Prince) 33,310 lbs, Cebu; 26,272 lbs, Hongkong; 18,115 lbs, Shanghai; (City of Swansea) 11,492 lbs, Capetown; 11,420 lbs, Port Natal; 6,904 lbs, Lourence Marques; (Nailsea Manor) 26,809 lbs, Haiphong; 4,650 lbs, Philippeville; 32,159 lbs, Saigon; 37,558 lbs, Tunis; 32,560 lbs, Oran; 114,549 lbs, Kwanto, Yokohama-Osaka; 4,042 lbs, Musa, Porto Barrios; 1,406 lbs, Gatun, Santiago; (Ancon) 1,225 lbs, Amapala; 11,712 lbs, Cristobal; 194,237 lbs, Hansa, Hamburg; 23,316 lbs, Washington, Havre; 70,162 lbs, Penrith Castle, Manila; 2,208 lbs, Ilsenstein, Rotterdam; 9,903 lbs, Scanpenn, Trinidad; (Marina) 2,050 lbs, Callao; 9,979 lbs, Mollendo; 20,501 lbs, Valparaiso; 4,751 lbs, Quirigua, Havana; 8,323 lbs, Sagaporack, Copenhagen
INK, PRINTING—12,727 lbs, Quirigua, Havana
INSECTICIDE, AGRIC—6,010 lbs, Kwanto, Yokohama
HOUSEHOLD—20,760 lbs, Gloucester City, Bristol; 19,740 lbs, Penrith Castle, Shanghai
LIQUID—9,010 lbs, Kwanto, Osaka
KEROSENE—4,990 gls, City of Swansea, Port Louis; (Martinique) 3,500 gls, Gonaives; 1,000 gls, Jacmel; 10,000 gls, Cape Haiti; 1,210 gls, Surrey, Wellington
LACQUER THINNER—660 gls, Exeter, Haifa
LARD—44,100 lbs, Aurania, Liverpool; 6,500 lbs, Atlantida, Baracoa; 100,400 lbs, Emile Francquin, Antwerp; 69,700 lbs, American Farmer, London; 44,100 lbs, Samaria, Liverpool; 13,125 lbs, Idra, Cienfuegos; (Ponce) 4,000 lbs, San Juan; 6,600 lbs, Ponce; 20,000 lbs, Mayaguez; 15,750 lbs, Quirigua, Havana

LEAD, RED—9,604 lbs, Cingalese Prince, Cebu
WHITE—100,000 lbs, Ancon, Cristobal
LICORICE WASTE—6,968 lbs, American Farmer, London
LINSEED CAKE—672,721 lbs, Aurania, Liverpool; 1,130,352 lbs, Emile Francqui, Antwerp; 451,357 lbs, Ilsenstein, Rotterdam
MEAL—(Scanpenn) 129,074 lbs, Barbados; 158,664 lbs, Trinidad; 12,593 lbs, San Fernando; 31,481 lbs, Georgetown
LUBRICANTS—335,213 lbs, Burgos, Guira
NAPHTHA—(City of Swansea) 140,000 gls, Reunion; 77,500 gls, Fort Louis
NICOTINE SULPHATE—16,010 lbs, Kwanto, Osaka
OIL, CASTOR—2,518 lbs, Washington, Havre; 1,109 lbs, Ponce, Aquadilla
CEDARWOOD—2,750 lbs, Kwanto, Osaka
COCONUTS—4,869 lbs, Quirigua, Havana
CORN—(Lara) 3,604 lbs, Curacao; 2,340 lbs, Aruba
EDIBLE—1,725 lbs, Musa, Porto Barrios; 6,692 lbs, Marna, Guayquil; (Pastores) 3,510 lbs, Port Prince; 4,829 lbs, Porto Colombia; (Calamares) 480 lbs, Amapala; 3,348 lbs, San Juan
LUBRICATING—(Calamares) 4,070 gls, Porto Colombia; 1,650 gls, Porto Armuelles; (Santa Lucia) 7,260 gls, Buenaventura; 10,470 gls, Guayaquil; 3,300 gls, Bolivia; 4,675 gls, Quirigua, Havana; (Santa Maria) 4,840 gls, Buenaventura; 2,090 gls, Antofagasta; (Cristobal) 4,400 gls, Callao; 8,985 gls, Corinto; 1,565 gls, Acajutla; (Sagaporack) 3,234 gls, Gothenburg; 4,774 gls, Copenhagen; 8,084 gls, Stockholm; (Marna) 6,050 gls, Buenaventura; 5,500 gls, Guayaquil; 2,475 gls, Callao; 2,585 gls, Iquique; 5,500 gls, Antofagasta; 2,275 gls, Valparaiso; 1,650 gls, Talcahuano; 1,100 gls, Pastores, Porto Colombia; 4,180 gls, Scanpenn, Trinidad; (City of Swansea) 8,990 gls, Port Natal; 8,250 gls, Lourenco Marques; 10,950 gls, Reunion; 2,100 gls, Port Louis; (Exeter) 4,910 gls, Marseilles; 5,385 gls, Philippeville; 2,250 gls, Oran; 15,730 gls, Alexandria; (Nailsea Manor) 4,998 gls, Leixoes; 4,746 gls, Lisbon; 3,465 gls, Casablanca; 6,310 gls, Haiphong; 3,300 gls, Philippeville; 5,500 gls, Saigon; (Kwanto) 11,760 gls, Yokohama; 17,875 gls, Yokohama-Osaka; 26,762 gls, Osaka; 6,825 gls, Moji; 18,335 gls, Kobe; (Aurania) 10,120 gls, Calcutta; 14,355 gls, Liverpool; 1,980 gls, Atlantida, Kingston; 7,370 gls, Orizaba, Vera Cruz; 3,444 gls, Emile Francqui, Brussels; (Cingalese Prince) 1,020 gls, Manila; 13,475 gls, Cebu; 7,700 gls, Hongkong; 71,885 gls, Shanghai; 2,100 gls, Gloucester City, Bristol; 6,050 gls, Ancon, Amapala; 3,495 gls, Lara, Maracaibo; 19,250 gls, Cauto, Tampico; (Hansa) 52,098 gls, Hamburg; 22,000 gls, Timisoara; 22,880 gls, American Farmer, London; (Washington) 7,680 gls, Havre; 1,375 gls, Hamburg; 3,850 gls, Penrith Castle, Moji; 9,517 gls, Samaria, Liverpool; (Ilsenstein) 1,260 gls, Rotterdam; 4,140 gls, Antwerp; 12,140 gls, Musa, Porto Barrios; 2,650 gls, Pan America, Rio de Janeiro; (Ponce) 2,200 gls, San Juan; 10,070 gls, Ponce; 2,300 gls, Mayaguez; 1,375 gls, Fort Amherst, St Johns; (Surrey) 78,695 gls, Auckland; 137,315 gls, Wellington; 2,200 gls, Napier; 20,295 gls, Lyttelton; 13,680 gls, Dunedin; 2,585 gls, Bluff
NEATSFOOT—2,347 lbs, Hansa, Hamburg
NUTMEG—3,743 lbs, Hansa, Hamburg
OLEO — 21,133 lbs, Aurania, Liverpool; 27,749 lbs, Emile Francqui, Antwerp
PINE—6,840 lbs, Aurania, Liverpool
TRANSFORMER — 11,275 gls, Cingalese Prince, Shanghai
PAINT—16,840 lbs, Kwanto, Yokohama; 6,984 lbs, Cingalese Prince, Manila; 9,424 lbs, Ilsenstein, Rotterdam; 52,840 lbs, Penrith Castle, Manila; 5,820 lbs, Pan America, Buenos Aires; (Ponce) 2,440 lbs, Guanica; 7,613 lbs, Jobos; (Burgos) 8,231 lbs, Trinidad; 12,399 lbs, Guira; 10,362 lbs, Calamares, Porto Colombia; 2,468 lbs, Quirigua, Havana; 4,256 lbs, Munargo, Nassau; 2,444 lbs, Sagaporack, Stockholm
THINNER—(Nailsea Manor) 3,850 gls, Oporto; 550 gls, Lisbon; 1,650 gls, Santa Maria, Buenaventura
PARAFFIN—11,106 lbs, Atlantida, Santiago; 22,682 lbs, Cingalese Prince, Shanghai; 10,101 lbs, Ancon, Amapala; 22,563 lbs, Samaria, Liverpool; 15,571 lbs, Ilsenstein, Antwerp; (Musa) 10,101 lbs, Guatemala City; 25,252 lbs, Retalheu; 68,185 lbs, Porto Barrios; (Marna) 55,402 lbs, Buenaventura; 365,536 lbs, Guayaquil; 11,374 lbs, Callao; 5,234 lbs, Pisco; 35,373 lbs, Pastores, Cartegena; 8,231 lbs, Burgos, Trinidad; (Calamares) 33,300 lbs, Porto Colombia; 25,040 lbs, La Union; 25,110 lbs, Santa Lucia, Guayaquil; 44,489 lbs, Quirigua, Port Limon; (Sagaporack) 55,611 lbs, Copenhagen; 22,434 lbs, Helsingfors; (Santa Maria) 11,150 lbs, Amapala; 185,610 lbs, Buenaventura
REFINED—44,612 lbs, Nailsea Manor, Lisbon
PETROLATUM—32,845 lbs, Kwanto, Osaka
PETROLEUM, REFD—(City of Swansea) 21,000 gls, Reunion; 40,300 gls, Port Louis; (Ponce) 15,250 gls, Monte Cristi; 25,000 gls, San Juan; 7,000 gls, Ponce
PHENOL—70,819 lbs, Ilsenstein, Antwerp; 2,540 lbs, Quirigua, Havana
POTASH, CHLORATE—1,270 lbs, Musa, Porto Barrios
RESIN—6,261 lbs, Samaria, Liverpool
SYNTHETIC—10,881 lbs, Aurania, Liverpool
ROSIN—6,913 lbs, American Farmer, London; 11,539 lbs, Pan America, Buenos Aires; 7,428 lbs, Sagaporack, Gothenburg
SENEGA ROOT—1,140 lbs, Hansa, Hamburg
SOAP—(Martinique) 10,000 lbs, Miragoane; 8,000 lbs, Port Paix; (Ponce) 9,073 lbs, Mayaguez; 5,300 bls, Aguadilla; 1,250 lbs, Sagaporack, Stockholm
LAUNDRY—18,800 lbs, Martinique, St Marc
SODA ASH—298,615 lbs, Orizaba, Vera Cruz; 680,960 lbs, Kwanto, Osaka; 298,645 lbs, Orizaba, Vera Cruz; 154,320 lbs, Quirigua, Havana; 38,790 lbs, Munargo, Nassau
BICARBONATE—126,015 lbs, Orizaba, Vera Cruz; 6,020 lbs, Fort Amherst, St Johns; 10,100 lbs, Calamares, Cartagena; 12,172 lbs, Marna, Buenaventura
CAUSTIC—(Kwanto) 174,320 lbs, Yokohama; 1,320,480 lbs, Osaka; 4,800 lbs, Kobe; 157,516 lbs, Orizaba, Vera Cruz; 423,566 lbs, Penrith Castle, Shanghai; 21,540 lbs, Calamares, Corinto; 68,052 lbs, Munargo, Nassau
CYANIDE—2,475 lbs, Marna, Buenaventura; 2,480 lbs, Pastores, Porto Colombia
SILICATE—17,113 lbs, Ponce, Porto Plata; 48,260 lbs, Munargo, Nassau
SULPHATE—11,746 lbs, Quirigua, Havana
SULPHITE—5,595 lbs, Aurania, Liverpool
STARCH—2,010 lbs, Fort Amherst, St Johns
CORN—1,000 lbs, Atlantida, Santiago; 7,050 lbs, Orizaba, Vera Cruz; 5,850 lbs, Quirigua, Cieufuegos
STRAMONIUM LEAVES—4,140 lbs, Hansa, Hamburg
SULPHUR—2,040 lbs, Pastores, Porto Colombia; 15,169 lbs, Marna, Buenaventura
TALC—67,200 lbs, Aurania, Liverpool; 22,400 lbs, Samaria, Liverpool; 5,050 lbs, Idra, Clenfuegos; 10,100 lbs, Quirigua, Havana
TALLOW, INED—13,954 lbs, Ponce, Porto Plata
TANNING EXTRACT—4,486 lbs, Ilsenstein, Antwerp; 723 lbs, Hansa, Hamburg; 47,010 lbs, Pan America, Buenos Aires
TRIPOLI—1,010 lbs, Sagaporack, Stockholm
TURPENTINE—(Surrey) 1,705 gls, Auckland; 1,100 gls, Wellington; 2,950 lbs, Lyttelton; 550 gls, Marna, Buenaventura
VARNISH—3,977 lbs, Calamares, Porto Colombia
WITCH HAZEL EXTRACT—12,402 lbs, Gloucester City, Bristol

Baltimore Exports

Clearance Dates

Atlantic, February 13; Chastine Maersk, February 10; City of Baltimore, February 11; Collingsworth, February 13; City of Elwood, February 13; Flora, February 12

ACETONE—(Chastine Maersk) 28,000 lbs, Yokohama; 25,200 lbs, Sydney
ACID, CHROMIC—3,000 lbs, City of Baltimore, Hamburg
ALCOHOL, BUTYL—51,840 lbs, Chastine Maersk, Yokohama/Kobe
ASBESTOS REFUSE—10,000 lbs, City of Baltimore, Bremen
BUTYL ACETATE—44,850 lbs, Chastine Maersk, Sydney
CADMIUM LITHOPONE—2,240 lbs, City of Baltimore, London
CORNFLOWER—(City of Elwood) 30,800 lbs, Cebu; 61,600 lbs, Iloilo
DRUGS—309 lbs, Flora, Puerto Barco
EPSOM SALT—15,750 lbs, Collingsworth, Buenos Aires
GREASE—6,300 lbs, Flora, Puerto Cabello
LUBRICATING—(Chastine Maersk) 28,991 lbs, Osaka; 29,986 lbs, Yokohama; 11,985 lbs, Canton; 2,000 lbs, City of Baltimore, Helsingfors; 17,691 lbs, Collingsworth, Montevideo
INSECTICIDE—(Flora) 589 lbs, Puerto Cabello; 771 lbs, Caracas; 507 lbs, La Guaira
OIL, CODLIVER—41,061 lbs, City of Baltimore, Bergen
LUBRICATING—1,400 lbs, Collingsworth, Montevideo
PEPPERMINT—1,200 lbs, City of Baltimore, London
PAINT, PREPARED—20 gls, City of Baltimore, Oslo
PETROLATUM—26,030 lbs, Chastine Maersk, Osaka
PORCELAIN ENAMEL LIQ—455 lbs, City of Baltimore, Oslo
POTASH BICHROMATE—(City of Baltimore) 11,200 lbs, London; 6,680 lbs, Gothenburg
MURIATE—400 tons, Atlantic, Port Natal
SULPHATE—300 tons, Atlantic, Port Natal
SAND, PREPARED—2,791 lbs, City of Baltimore, London
SODA ALUMINATE—7,800 lbs, City of Baltimore, London
BICHROMATE—(City of Baltimore) 6,020 lbs, Gothenburg; 4,409 lbs, Memel

Beaumont Exports

Clearance Dates

Mapia, February 13; Mosvold, February 15

OIL, BATCHING—13,839 bbls, Mapia, Calcutta
FUEL—110,000 bbls, Mosvold, Hamburg

Boston Exports

Clearance Dates

Argosy, February 13; Lady Rodney, February 20; Nankai, February 15; Newfoundland, February 12; President Harrison, February 15; Samaria, February 14; Yarmouth, February 13, 17

ACETONE—4 dms, 1,436 lbs, President Harrison, Shanghai
ASBESTOS FIBER—2,400 bgs, Nankai, Japan
BAKING POWDER— 75 bxs, 15 pls, 1 crtn, 3,060 lbs, Newfoundland, St John's
BRISTLES—1 cs, 133 lbs, Yarmouth, St John
CEMENT, BELT— 5 bls, 1,001 lbs, President Harrison, Shanghai
CANVAS—2 crtns, 24 lbs, Yarmouth, Yarmouth
RUBBER—2 dms, 108 gls, Newfoundland, St John's
WATERPROOF—2 dms, 102 lbs, President Harrison, Shanghai
CHEMICALS, LEATHER—2 bbls, 540 lbs, Yarmouth, Windsor
COCOA BUTTER—1 cs, 50 lbs, Samaria, York
DRESSING, LEATHER—2 dms, 10 gls, Newfoundland, St John's; 5 dms, 130 lbs, Samaria, Leicester; 3 cs, 255 lbs, Nankai, Osaka; 2 cs, 224 lbs, President Harrison, Manila
SHOE—5 bxs, 55 gls, President Harrison, Manila
FLUX—22 dms, 2,970 lbs, Nankai, Yokohama
GLASS, PLATE—1 cs, 400 lbs, Newfoundland, St John's
GLUE—1 bdl, 15 lbs, Newfoundland, St John's
PHOTO-ENGRAVING—9 cs, 270 lbs, Argosy, Copenhagen
VEGETABLE—1 bbl, 308 lbs, Yarmouth, Hantsport
GREASE, LUBRICATING—4 dms, 1,845 lbs, Samaria, Liverpool; 2 dms, 7,806 lbs, Yarmouth, Yarmouth
GUM, TRAGACANTH—35 cs, 19 bgs, 7,777 lbs, Samaria, Manchester
INK, MARKING—1 pkg, 1 lb, Samaria, Leicester
PRINTING—1 cs, 73 lbs, Samaria, Manchester
WRITING—(Argosy) 5 pkgs, 700 lbs, Tampere; 10 pkgs, 1,300 lbs, Stockholm; (President Harrison) 41 pkgs, Tientsin; 49 pkgs, Shanghai; 16 pkgs, Hongkong; 123 pkgs, Manila; 2 cs, 25 lbs, Honolulu
KEROSENE—50 dms, 2,750 gls, Newfoundland, St Johns; 2 bbls, 112 gls, Yarmouth, Yarmouth
LACQUER—2 dms, 113 gls, Newfoundland, St John's
LEATHER STIFFENER—2 bxs, 20 gls, Newfoundland, St John's
MEDICINAL PREPS—(Newfoundland) 5 bbls, 1,899 lbs, Halifax; 2 cs, St John's; 2 cs, 121 lbs, Broad Cove; 1 cs, 12 lbs, Samaria, Leicester
OIL, ESSENTIAL—1 bx, 2 lbs, Samaria, Leicester
FLOOR—8 cs, 1 dm, 936 lbs, Samaria, Cairo
LUBRICATING—(Yarmouth) 3 dms, 165 gls, Yarmouth; 16 crtns, 5 dms, 369 gls, Yarmouth-St John's 3 dms, 164 gls, Lady Rodney, Hamilton; 2 cs, 436 lbs, Samaria, Liverpool
PAINT—6 cs, 37 gls, Newfoundland, St John's
ASPHALT—9 bxs, 50 gls, President Harrison, Honolulu
PASTE, STATIONERS'—(President Harrison) 10 cs, 1,437 lbs, Manila; 10 bxs, 450 lbs, Honolulu
POLISH, AUTO—30 crtns, 858 lbs, Newfoundland, Liverpool
SHOE—4 crtns, 24 lbs, Newfoundland, St John's; (President Harrison) 50 crtns, 2,150 lbs, Manila; 2 crtns, 30 lbs, Honolulu
SILVER—7 crtns, 21 gls, Newfoundland, Halifax
STOVE—40 cs, 1,370 lbs, Yarmouth, St John
PUTTY—4 dms, 3,600 lbs, President Harrison, Manila
ROSIN, GUM—40 bbls, 20,000 lbs, Yarmouth, Halifax
SAND, FOUNDRY—300 bgs, 60,000 lbs, Newfoundland, St John's
SENNA LEAVES—1 bl, 400 lbs, Yarmouth, St John
SOAP—1 cs, 46 lbs, Samaria, Liverpool
LIQUID—5 dms, 2,340 lbs, President Harrison, Singapore
MEDICATED—1 cs, 20 lbs, Newfoundland, St John's
POWDER—(President Harrison) 2,695 cs, 103,950 lbs, Honolulu; 55 cs, 2,063 lbs, Kahului
TAR—495 cs, 12,386 lbs, President Harrison, Honolulu
TOILET—(President Harrison) 50 cs, 1,219 lbs, Kahului; 750 cs, 18,282 lbs, Honolulu
TALC—1 cs, 56 lbs, Newfoundland, St John's
VARNISH—3 cs, 19 gls, Newfoundland, St John's
WASHING POWDER—5 bbls, 1,000 lbs, President Harrison, Manila
WAX, YELLOW—1 bg, 100 lbs, Newfoundland, St John's
ZINC CHLORIDE—1 crby, 156 lbs, Newfoundland, St John's

Galveston Exports

Clearance Dates

Anadara, February 15; Breedijk, February 12; Labette, February 15; Maria, February 11

ASPHALT—100 tons, Labette, Genoa
BLACK, CARBON—50 cs, Breedijk, Amsterdam
BORAX—(Breedijk) 3,000 bgs, London; 11,000 bgs, Rotterdam; 1,000 bgs, Antwerp
CONCENTRATES—(Breedijk) 616 bbls, London; 440 bbls, Antwerp; 20 tons, Labette, Genoa
OIL, GAS—10,500 tons, Anadara, A United Kingdom Port
SULPHUR—3,200 tons, Maria, Marseilles

Houston Exports

Clearance Dates

American Press, February 15; Beaumont, February 13; Breedijk, February 15; City of Joliet, February 10; Maria, February 15; Monstella, February 11; Poseidone, February 11; Taurus, February 13; Tennessee, February 13; Tillie Lykes, February 13; Torborg, February 11

ASPHALT—(Taurus) 2 dms, Oslo; 10 dms, Copenhagen
BLACK, CARBON—300 cs, Monstella, Genoa; 100 cs, Tennessee, Copenhagen; (Taurus) 103 cs, Oslo; 205 cs, Gothenburg; 150 cs, Copenhagen; (American Press) 5,735 bgs, Bremen; 105 cs, Hamburg; 350 cs, Bremen-Hamburg; (Breedijk) 31 tons, London; 1 ton, Glasgow; transhipment at London; 63 tons, Antwerp; 15 tons, Ghent; 74 tons, Rotterdam-Hamburg; 3 tons, Amsterdam; 10 tons, Antwerp-Rotterdam; 1 ton, Bombay; transhipment at Antwerp-Rotterdam; 12 tons, Karachi; transhipment at Antwerp-Rotterdam; 2 tons, Calcutta; transhipment at Antwerp-Rotterdam
COTTONSEED, MEAL—52 tons, Tillie Lykes, Havana
GASOLINE—6,900 tons, Beaumont, Tronheim-Bergen-Oslo
KEROSENE—550 tons, Beaumont, Tronheim-Bergen-Oslo
LUBRICANTS—(Taurus) 213 pkgs, Oslo; 17 pkgs, Gothenburg; 60 pkgs, Copenhagen
OIL, GAS—7,000 tons, Torborg, a safe port in Denmark via Lands End
LUBRICATING—23 tons, Tillie Lykes, Havana
OLEO—5 tons, Taurus, Copenhagen
PETROLEUM, CRUDE—9,000 tons, Poseidone, Venice
SESAME MEAL—100 tons, City of Joliet, Rotterdam
TITANIUM ORE—50 tons, Breedijk, London

Lake Charles Exports

Clearance Dates

Frankenwald, February 13; Megara, February 15

PETROLEUM, CRUDE—76,749 bbls, Megara, Curacao
ROSIN—108 bbls, Frankenwald, London

Los Angeles Exports

Clearance Dates

Albertolite, February 7; Argyll, February 8; Athelsultan, February 11; Barbro, February 8; Heron, February 5; Kosei, February 6; Molokai, February 11; Neches, February 4; Nordanger, February 15; Norway, February 10; Pan Norway, February 17; President Monroe, February 11; President Wilson, February 10; Ranja, February 6; Santa Maria, February 10; Siljestad, February 15; Tachibana, February 7; Takaoka, February 12; Tokai, February 6; Toho, February 15; Tsuyama, February 15.

BORATE—691 bgs, 152,370 lbs, Kosei, Osaka
BORAX—500 bgs, 56,000 lbs, Tsuyama, Osaka; (Kosei) 1,995 bgs, 219,950 lbs, Osaka; 1,631 bgs, 179,820 lbs, Yokohama; 1,000 sks, 111,250 lbs, Norway, Osaka; 720 bgs, 82,150 lbs, Tokai, Yokohama
CLAY, GRD—800 sks, 89,600 lbs, President Wilson, Al Khobar
GASOLINE—2,000 cs, 130 dms, 235,000 lbs, Argyll, Santa Rosalia; 13,990 bbls, 3,651,390 lbs, Ranja, Shanghai
AVIATION—10 dms, 1,000 lbs, Ranja, Shanghai
KEROSENE—115,710 bbls, 32,977,350 lbs, Pan Norway, Aruba; 200 cs, 30 bbls, 27,820 lbs, Argyll, Santa Rosalia; (Ranja) 29,264 bbls, 8,340,240 lbs, Shanghai; 28,000 bbls, 7,980,000 lbs, Dairen
OIL, DIESEL—49,495 bbls, 15,442,440 lbs, Athelsultan, Osaka-Nagasaki; 3,826 bbls, 1,193,710 lbs, Siljestad, Kobe; 12,286 bbls, 3,833,230 lbs, Kosei, Osaka; 19,622 bbls, 6,122,060 lbs, Santa Maria, Balboa; 21,656 bbls, 675,680 lbs, Barbro, Vancouver; 50 dms, 20,280 lbs, Argyll, Santa Rosalia
FUEL—39,261 bbls, 13,073,910 lbs, Athelsultan, Osaka-Nagasaki; 84,372 bbls, 28,095,880 lbs, Nordlanger, Tocopilla; 51,129 bbls, 17,025,960 lbs, Neches, Coco Solo; 58,072 bbls, 19,337,980 lbs, Santa Maria, Balboa; 16,861 bbls, 5,614,710 lbs, Barbro, Vancouver; 51,127 bbls, 17,025,290 lbs, Tachibana, Kure
GAS—53,179 bbls, 16,060,060 lbs, Heron, Curacao
PAINT, LIQ—850 lbs, Molokai, Ensenada
PREPARED—1,180 lbs, Takaoka, Callao
THINNER—1,760 lbs, Takaoka, Callao
PETROLEUM, CRUDE—83,720 bbls, 26,120,640 lbs, Toho, Tokuyama; 63,713 bbls, 19,878,460 lbs, Albertolite, Ioco; 28,039 bbls, 8,748,170 lbs, Barbro, Vancouver
TOILET PREPS—1,100 lbs, Takaoka, Lima

Mobile Exports

Clearance Dates

San Luis, February 16; Sorvangen, February 15

PEATMOSS—1 bl, San Luis, Havana
PINETAR—(Sorvangen) 4 dms, Kingston; 13 dms, Georgetown
ROSIN—140 bbls, San Luis, Havana

New Orleans Exports

Clearance Dates

Anhalt, January 19; Atlantida, December 3, 17; Bochum, January 23; Buenos Aires, January 9; Cordelia, February 15; Dramatist, January 28; Goslar, January 2; Luebeck, January 26; Maria, February 8; Matagalpa, December 15, 30; Montello, January 18; St Mary, December 10, 23; Tirpitz, January 19; Winnipeg, January 22; Wisconsin, January 28

ASPHALT—1,069 sks, Goslar, Hamburg; (Wisconsin) 57 tons, Havre; 18 tons, Antwerp
GRITS—26 sks, Goslar, Bremen; 30 bbls, Anhalt, Wellington
BLACK, CARBON—(Maria) 37 cs, Trieste; 60 tons, Dramatist, Manchester; 6 cs, St Mary, Vera Cruz; (Buenos Aires) 31 tons, Yokohama; 61 tons, Kobe; 19 tons, Yokohama-Kobe-Osaka opt; 4 tons, Hongkong; (Goslar) 101 cs, 60 ctns, 188 sks, Hamburg; 266 cs, Bremen-Hamburg; 50 cs, 358 sks, Bremen-Hamburg transhipment; (Winnipeg) 120 tons, Havre; 9 tons, Antwerp; 69 tons, Wisconsin, Havre; 25 sks, Tirpitz, Yokohama-Kobe-Osaka; (Bochum) 4,588 sks, Bremen; 464 cs, Hamburg; 110 cs, Bremen-Hamburg opt; 10 cs, Montello, Genoa; 60 cs, Atlantida, Vera Cruz
BENZOL—2,200 tons, Cordelia, Rouen
BONES, DR'D—(Buenos Aires) 18 tons, Kobe; 18 tons, Osaka
BORAX—4,864 sks, Bochum, Hamburg
CALCIUM, ARSENATE—25 dms, Atlantida, Vera Cruz
CLAY—9 tons, Wisconsin, Havre; 100 sks, Bochum, Hamburg
FILTER—45 tons, Winnipeg, Havre
GROUND—27 tons, Dramatist, Manchester
DRESSING, LEATHER—5 tons, St Mary, Tampico
FIRECLAY—8 tons, Buenos Aires, Yokohama; 440 dms, Goslar, Bremen-Hamburg transhipment; 70 dms, 6 bxs, Bochum, Hamburg
GLUCOSE—30 bbls, Anhalt, Wellington
GREASE, LUBRICATING—55 tons, Winnipeg, Antwerp; 8 bbls, 3 dms, St Mary, Vera Cruz
INFUSORIAL EARTH—573 sks, Goslar, Hamburg; 44 tons, Winnipeg, Antwerp; (Wisconsin) 12 tons, Havre; 34 tons, Antwerp; 685 sks, Bochum, Bremen-Hamburg
INSECTICIDE — 10 sks, Bochum, Bremen-Hamburg transhipment
LARD SUBSTITUTE—2 tons, Buenos Aires, Yokohama
LICORICE MASS—1 ton, Atlantida, Vera Cruz
LIGHTER FLUID—50 dms, Bochum, Hamburg
LIME PHOSPHATE—6 bbls, St Mary, Tampico
NICOTINE SULPHATE—5 tons, Buenos Aires, Yokohama
OIL, COTTONSEED—1 ton, Buenos Aires, Shanghai
FUEL—300 bbls, Matagalpa, Alvaro Obregon
LUBRICATING—(Maria) 105 dms, Istanbul; 115 bbls, Venice; (Buenos Aires) 123 tons, Yokohama; 168 tons, Osaka; 42 tons, Darien; 10 tons, Moji; 10 tons, Cristobal; (Goslar) 714 tons, Hamburg; 30 dms, 150 bbls, Bremen-Hamburg transhipment; (Winnipeg) 161 tons, Havre; 22 tons, Antwerp; (Wisconsin) 194 tons, Havre; 10 tons, Dunkirk; 126 dms, Bochum, Hamburg; 209 bbls, Montello, Genoa
PAINT—10 dms, 3 cs, 10 pls, 6 pots, Matagalpa, Alvaro Obregon
PARAFFIN—1 ton, Wisconsin, Antwerp; 508 sx, Bochum, Hamburg; 6,704 sx, Montello, Genoa
PETROLEUM—66 bbls, Goslar, Hamburg; (Winnipeg) 3 tons, Havre; 24 tons, Dunkirk; 301 bbls, Bochum, Hamburg
PINETAR—10 dms, Atlantida, Vera Cruz
ROSIN—300 bbls, Tirpitz, Yokohama; (Anhalt) 30 bbls, Wellington; 120 bbls, Auckland; 100 bbls, Lyttleton; 30 bbls, Dunedin
SALT—538 sx, Anhalt, Auckland; 2 tons, Atlantida, Vera Cruz
SODA, SULPHATE—24 bbls, St Mary, Tampico
STARCH, CORN—28 tons, Dramatist, Manchester
SULPHUR—1,003 sx, St Mary, Vera Cruz; 513 sx, Atlantida, Vera Cruz
TOBACCO EXTRACT — 96 bbls, Bochum, Bremen
TRIPOLI—226 tons, Dramatist, Manchester
PULVERIZED—(Goslar) 55 sx, Bremen; 198 sx, Hamburg
TURPENTINE—5 cs, 3 dms, Anhalt, Wellington
GUM—5 cs, Anhalt, Auckland
WAX—230 tons, Dramatist, London
MINERAL—2 tons Winnipeg, Havre; 170 sx, 53 bbls, Bochum, Hamburg
ZINC DUST—312 dms, St Mary, Tampico

Norfolk Exports

Clearance Dates

City of Havre, February 6; City of Norwich, February 5; Delaware, February 13; Gloucester City, February 10.

CARBON TETRACHLORIDE—55 dms, 39,894 lbs, City of Havre, London
ELM BARK—10 bls, 4,427 lbs, City of Havre, London
FIRECLAY, GRD—600 bgs, 60,600 lbs, Gloucester City, Cardiff
LOBELIA HERB—24 bls, 7,224 lbs, City of Havre, London
MANDRAKE ROOTS—98 bgs, 10,929 lbs, Delaware, Oslo
MEDICINAL PREPS—20 pkgs, City of Havre, London
MICA, PULVERIZED—(City of Havre) 100 bgs, 10,100 lbs, London; 20 bgs, 2,000 lbs, Hamburg
PASSION FLOWER HERB—14 bls, City of Havre, Havre
SODA, NITRATE—100 bgs, 10 tons, City of Norwich, Calcutta
VIBURNUM BARK—3 bls, City of Havre, Havre

Philadelphia Exports

Clearance Dates

Black Osprey, February 13; Bodnant, February 11; Bristol City, February 15; Cabedello, February 13; City of Elwood, February 15; City of Lyons, February 13; City of Norwich, February 15; Clan Ross, February 11; Cold Harbor, February 17; Collingsworth, February 17; Ellenor, February

15; Golden Sea, February 13; Manchester Exporter, February 16; Pipestone County, February 11; Ryoyo, February 13; San Alberto, February 11; San Vincente, February 15; Sarcoxie, February 15; Silversandal, February 11; Spaarndam, February 13; Uyo, February 17; Wichita, February 16

ACETATE—31 dms, Wichita, Melbourne
ACETONE—30 dms, Manchester Exporter, Liverpool; 24 dms, Wichita, Sydney
ACID, PHOSPHORIC—15 bbls, Black Osprey, Brussels
ALCOHOL, ETHYL—100 bbls, Ellenor, San Juan
ALUMINA SULPHATE—4,125 bgs, City of Lyons, Shanghai; 600 bbls, City of Elwood, Manila; 750 bgs, San Vincente, Barranquilla
AMMONIA, ANHYD—75 cylinders, City of Norwich, Karachi
AMYL ACETATE—30 dms, Black Osprey, Basle; 6 dms, Cabedello, Rio de Janeiro
ASPHALT, PETROLEUM—8 dms, Wichita, Sydney
BLACK, BONE—10 bgs, Silversandal, East London; 3 bgs, City of Norwich, Bombay
LAMP—15 cs, Manchester Exporter, Manchester
CARBON TETRACHLORIDE—3 dms, Wichita, Sydney
CEMENT—2 ctns, City of Lyons, Manila
FIBER—27 dms, Collingsworth, Buenos Aires
GASKET—13 cs, City of Norwich, Colombo
RUBBER—7 pails, 4 dms, Collingsworth, Buenos Aires
CLEANING COMP—1 bbl, Pipestone County, Havre
COALTAR PROD—15 dms, Manchester Exporter, Manchester
COCOA CAKE—660 bgs, Black Osprey, Amsterdam
WASTE—1,615 bgs, Spaarndam, Amsterdam; 960 bgs, Black Osprey, Amsterdam
ETHYL FLUID—6 dms, Pipestone County, Havre; 10 dms, Cold Harbor, Hamburg
FIRE EXTINGUISHER COMP—18 ctns, 2 bxs, City of Elwood, Honolulu
GASOLINE—(Bodnant) 3,000 cases, Dakar; 3,000 cs, Conakry; 500 cs, 20 dms, Freetown; 1,000 cs, Sassandra; 3,500 cs, Port Bouet; 1,080 cs, Saltpond; 1,750 cs, Accra; 2,600 cs, Takoradi; 1,750 cs, Cotonou; 8,400 cs, Lagos; 4,000 cs, Port Harcourt; 1,000 cs, Calabar; 300 cs, Bathurst; 500 cs, Duala; (Garonne) 14,286 bbls, Capetown; 20,000 bbls, East London; 44,664 bbls, Durban; 1 pkg, Cold Harbor, Hamburg
GLASS, LAMINATED—1 bx, City of Elwood, Honolulu
WINDOW—1 bx, City of Elwood, Shanghai; 306 cs, San Vincente, Cristobal
GRAPHITE—12 bbls, City of Norwich, Calcutta
GREASE, LUBRICATING—4 dms, 23 pails, Spaarndam, Amsterdam; 75 dms, 15 qtr dms, 4 bbls, Black Osprey, Antwerp; 10 dms, Bodnant, Dakar; 90 cs, Cabedello, Sao Paulo; 4 dms, Manchester Exporter, Liverpool; 5 dms, 15 cs, Wichita, Adelaide; 100 bbls, Uyo, Yokohama; 15 dms, Cold Harbor, London; 6 dms, Collingsworth, Buenos Aires
INK, PRINTING—3 bxs, Black Osprey, Brussels
INSECTICIDE—19 crtns, Spaarndam, Rotterdam; (Bodnant) 25 cs, Port Bouet; 10 cs, Accra; 5 cs, Takoradi; 5 cs, Port Harcourt; 5 cs, Calabar
ISO OCTANE—4 cs, City of Norwich, Calcutta
KEROSENE—500 cs, Clan Ross, Tamatave
LICORICE MASS—112 cs, 10 dms, Black Osprey, Antwerp; 70 cs, Manchester Exporter, Liverpool; 230 cs, Cold Harbor, Hull
PASTE—14 cs, Clan Ross, Lourenco Marques
LINSEED CAKE—5,040 bgs, Black Osprey, Rotterdam
MANGANESE ORE CONCE—27 bbls, Spaarndam, Amsterdam
MEDICINAL PREP'S—20 bxs, City of Elwood, Shanghai; (City of Norwich) 19 bxs, Karachi; 8 bxs, Rangoon; 24 bxs, 13 cs, Calcutta
OIL, COALTAR, REF'D—5 dms, Pipestone County, Havre
FUEL—(Bodnant) 30 dms, Freetown; 10 dms, Saltpond; 150 dms, Duala
ILLUMINATING—(Bodnant) 1,000 cs, Dakar; 1,000 cs, Conakry; 1,000 cs, Freetown; 100 cs, Sassandra; 250 cs, Port Bouet; 100 cs, Saltpond; 280 cs, Accra; 540 cs, Takoradi; 1,500 cs, Lome; 1,750 cs, Cotonou; 3,000 cs, Lagos; 2,500 cs, Port Harcourt; 550 cs, Calabar; 300 cs, Bathurst; 500 cs, Duala; (Garonne) 2,822 bbls, Capetown; 4,356 bbls, Durban
LUBRICATING — (Golden Sea) 67 pkgs, Maceio; 32 pkgs Parnahyba; 250 pkgs, Pernambuco; 75 pkgs, Maranhao; (Pipestone County) 574 bbls, Havre; 65 bbls, Dunkirk; 1 dm, 65 bbls, 25 pkgs, 48 crtns, Spaarndam, Rotterdam; 85 bbls, Bristol City, Bristol; (Clan Ross) 2,486 pkgs, Port Natal; 1,074 pkgs, Capetown; 1,261 pkgs, Port Elizabeth; 1,055 pkgs, East London; 6,025 pkgs, Lourenco Marques; 1,955 pkgs, Beira; 246 pkgs, Mananzary; 444 pkgs, Tamatave; 160 pkgs, Manankara; 250 dms, Ryoyo, Yokohama; (Silversandal) 10 dms, East London; 10 dms, Beira; (Black Osprey) 340 dms, 145 bbls, 150 qtr dms, 30 pkgs, Antwerp; 3 pkgs, Basle; (Bodnant) 10 pkgs, Rio Benito; 420 pkgs, Bata; 9 pkgs, 40 dms, 175 cs, Dakar; 4 pkgs, 10 dms, 55 cs, Conakry; 20 pkgs, 3 dms, Freetown; 20 pkgs, Sherbro; 95 pkgs, Sassandra; 25 pkgs, Port Bouet; 30 pkgs, 10 dms, 6 cs, Saltpond; 5 pkgs, 50 dms, 30 cs, Accra; 49 pkgs, 50 dms, 20 cs, Takoradi; 54 pkgs, 25 dms, Lome; 4 pkgs, Cotonou; 6 pkgs, 35 dms, 25 cs, Lagos; 30 pkgs, Port Harcourt; 1 pkg, Degama; 45 pkgs, Calabar; 10 pkgs, Victoria; 8,232 bbls, San Alberto, Barton; 508 cs, 19 qtr dms, Cabedello, Sao Paulo; (City of Lyons) 1 crtn, 3,503 pkgs, Manila; 400 dms, 1,345 pkgs, Shanghai; 362 pkgs, Iloilo, 39 pkgs, Hongkong; (Sarcoxie) 225 bbls, Havre; 185 bbls, Dunkirk; (Manchester Exporter) 124 bbls, Liverpool; 6 dms, Manchester; 143 pkgs, Birkenhead; (City of Elwood) 1 bx, Shanghai; 115 dms, Manila; (City of Norwich) 87 pkgs, Port Said; 67 dms, 700 pkgs, Karachi; 480 dms, 7 cs, Bombay; 100 dms, Basrah; 527 pkgs, Colombo; 11 dms, 250 pkgs, Rangoon; 484 dms, 1,130 pkgs, Calcutta; (Wichita) 90 dms, 2,048 pkgs, Brisbane; 400 dms, 1,808 pkgs, Sydney; 28 dms, 100 pls, 55 pkgs, Melbourne; 161 dms, 140 pls, 2 cs, 284 pkgs, Adelaide; 150 pkgs, Newcastle; 50 pkgs, Cairns; 40 pkgs, Rockhampton; (Uyo) 2,300 dms, Yokohama; 2,270 dms, 50 cs, Osaka; (Cold Harbor) 195 bbls, Hull; 36 bbls, 306 pkgs, Hamburg; 12 dms, Collingsworth, Buenos Aires
MINERAL RES—28 dms, Pipestone County, Havre
NEATSFOOT—6 bbls, Pipestone County, Dunkirk; (Black Osprey) 17 bbls, Antwerp; 13 bbls, Alost
REFINED—100 bbls, Cold Harbor, Hamburg
TANNERS—3 bbls, Manchester Exporter, Liverpool
SOLUBLE—1 dm, Pipestone County, Havre
PAINT—1 cs, 1 crtn, City of Lyons, Manila; 3 dms, Manchester Exporter, Liverpool; 9 bxs, City of Elwood, Shanghai; 127 dms, 472 pls, 1 cs, Collingsworth, Buenos Aires
PARAFFIN—546 bbls, Bristol City, Bristol; 408 bgs, Silversandal, Port Elizabeth; (Black Osprey) 250 bgs, Rotterdam; 125 bbls, Amsterdam; 42 bbls, 250 bgs, Antwerp; 1,050 bbls, Manchester Exporter, Manchester; (City of Norwich) 102 bgs, Madras; 42 bbls, Calcutta
REFINED—306 bgs, City of Lyons, Manila; (City of Elwood) 465 bbls, Hongkong; 300 bgs, Manila
PASTE, ADHES—200 crtns, City of Lyons, Manila
PETROLATUM—(Wichita) 70 bbls, Sydney; 20 bbls, Melbourne; 5 bbls, Adelaide
POLISH—145 crtns, City of Lyons, Manila; 12 pls, Collingsworth, Buenos Aires
RESIN, COALTAR—17 dms, Pipestone County, Havre; 5 dms, Manchester Exporter, Liverpool
RUBBER COMPOUNDING AGENTS—4 dms, Sarcoxie, Havre
RUBBING COMP—1 cs, City of Norwich, Colombo
SAND—2,000 bgs, San Vincente, Cristobal
SOAP—2 crtns, City of Lyons, Manila
LAUNDRY—300 bxs, Bristol City, Bristol; (Manchester Exporter) 300 bxs, Liverpool 300 bxs, Manchester
SODA, ANTIMONIATE—4 bbls, Wichita, Sydney
BICHROMATE—3 pls, Collingsworth, Buenos Aires
CYANIDE—1 dm, City of Norwich, Bombay
STEARIN—11 bbls, Black Osprey, Rotterdam
TANNING EXTRACT—60 bxs, Manchester Exporter, Manchester; 2 bbls, City of Norwich, Madras
THINNING COMP—(City of Elwood) 3 bxs, Shanghai; 1 bx, Manila
TITANIUM ORE—200 bgs, 38 bbls, Manchester Exporter, Manchester
VARNISH—1 bx, Pipestone County, Havre
WATER SOFTENER—4 cs, Black Osprey, Antwerp

Port Arthur Exports

Clearance Dates

Atlanta City, February 11; Genevieve Lykes, February 8; Labette, February 14; Mapia, February 12; Occidental, February 14; Prusa, February 12; Tillie Lykes, February 11

ASPHALT—(Atlanta City) 2 cs, 3,368 dms, Bombay; 1,027 dms, Colombo; 852 dms, Mapia, Calcutta; 6,210 bbls, Prusa, London
PETROLEUM—60 cs, Atlantic City, Madras; 2,683 dms, Prusa, London; 5,340 dms, Labette, Genoa
SOLID—50 dms, Genevieve Lykes, San Juan
CLEANER, DRY—1 cs, Atlanta City, Karachi
ETHYL FLUID—12 dms, Occidental, Antwerp
GASOLINE—66,001 bbls, Occidental, Antwerp
GREASE, LUBRICATING—(Genevieve Lykes) 2 cs, San Juan; 5 dms, Ciudad Trujillo; (Tillie Lykes) 5 dms, 8 cs, Colon; 4 dms, Buenaventura; 16 dms, Cristobal; (Atlanta City) 35 dms, 10 cs, Karachi; 80 dms, 360 cs, Bombay; 121 dms, 35 cs, Colombo; 63 dms, 206 ctgs, 225 cs, Prusa, London; 4 cs, Labette, Venice; 310 bbls, Occidental, Antwerp
KEROSENE—500 cs, Genevieve Lykes, Ciudad Trujillo; 120 dms, Atlanta City, Bombay; 60 dms, Prusa, London
OIL, FUEL—1 dm, Labette, Venice
LUBRICATING—10 dms, Genevieve Lykes, Ciudad Trujillo; (Tillie Lykes) 16 dms; 1 cs, Colon; 12 dms, Buenaventura; 2 dms, 3 cs, Cristobal; (Atlanta City) 255 dms, 5 cs, Karachi; 1,397 dms, 75 cs, Bombay; 430 dms, 42 cs, Colombo; 355 dms, 44 bbls, Prusa, London; 67 bbls, 16 hf bbls, 5 dms, Labette, Venice; 1,805 dms, Occidental, Antwerp
PALE—7,731 bbls, Mapia, Calcutta
POLISH, AUTO—1 cs, Atlanta City, Karachi
SOLVENT—5 dms, Tillie Lykes, Cristobal
WAX—5 bbls, 3 hf bbls, 15 cs, Labette, Venice
DRESSING—1 cs, Tillie Lykes, Colon

San Francisco Exports

Clearance Dates

Argyll, February 6; Athelcrown, February 9; Cuba, February 16; Europa, February 8; Golden Hind, February 6; Monterey, February 8; Otowasan, February 8; President McKinley, February 6; Vancouver, February 9

ACID—9 cs, Argyll, Santa Rosalia
BORIC—280 sks, Monterey, Australia
CRESYLIC—1 cs, Argyll, Santa Rosalia
SULPHURIC—1 cs, Argyll, Santa Rosalia
ANISE—1 sk, Cuba, Costa Rica
APRICOT KERNELS—270 sks, Europa, Copenhagen
ASPHALT—200 dms, President McKinley, Shanghai; 40 dms, Golden Hind, Yokohama; (Monterey) 430 dms, 25 bbls, Australia; 103 bbls, Fiji Islands; 20 dms, New Zealand; 60 dms, Vancouver, Cristobal
GRITS—824 sks, Vancouver, Hamburg
BAKING POWDER—2 cs, Cuba, Costa Rica; 6 cs, Argyll, Santa Rosalia; 20 cs, Monterey, Tonga
BAY LEAVES—1 cs, Argyll, Santa Rosalia
BENZOL—13 cs, Golden Hind, Shanghai
BIOLOGICALS—1 cs, Monterey, Australia
BLACK, CARBON—1 cs, Cuba, Chile; 34 cs, Golden Hind, Shanghai
BORAX—340 sks, Monterey, Australia
CALCIMINE—14 cs, Golden Hind, Tientsin
CARBON BISULPHIDE—2 cs, Argyll, Santa Rosalia
CEMENT, FLOOR-COVERING—15 pls, 7 cs, Golden Hind, Pieping
GRINDING—1 cs, Monterey, Australia
CINNAMON—3 bls, Cuba, Costa Rica
1 cs, Argyll, Santa Rosalia
CLOVES—1 sk, Cuba, Costa Rica; 1 cs, Argyll, Santa Rosalia
COCOA BUTTER—(Golden Hind) 84 cs, Osaka; 34 cs, Dairen; 34 cs, Monterey, New Zealand
COLLODION—29 cs, Golden Hind, Shanghai
COLORS, CADMIUM—3 bbls, Monterey, Australia; 4 kgs, Europa, Copenhagen
CUBE ROOT—85 bls, Monterey, Australia
CUMIN SEED—3 sks, Cuba, Costa Rica
DRUGS—(Monterey), 6 cs, Samoa; 1 cs, Australia
ENAMEL—1 cs, Golden Hind, Tientsin; 7 cs, Monterey, New Zealand
FLAVORING EXTRACT—1 kg, Monterey, Australia
GLASS, BORAX—1 cs, Argyll, Santa Rosalia
GRINDELLIA ROBUSTA—35 bls, Vancouver, Hamburg
GREASE, LUBRICATING—(Golden Hind) 25 cs, 10 pls, Moji; 10 dms, Taku Bar; 315 dms, Monterey, Australia
HYDROGEN, PEROXIDE—361 cs, Monterey, New Zealand
INK, PRINTING—121 dms, Cuba, Chile; 1 cs, Golden Hind, Shanghai; 10 kgs, Monterey, Australia
WRITING—1 cs, Argyll, Santa Rosalia
INSECTICIDE—2 sks, 2 cs, Monterey, Fiji Islands
IRON OXIDE—5 bbls, Europa, Gothenburg
KEROSENE—30 cs, Golden Hind, Tientsin
LACQUER—8 pls, 7 cs, Golden Hind, Shanghai; 15 cs, Monterey, New Zealand
REMOVER—2 cs, Monterey, New Zealand
THINNER—4 dms, 60 pls, Golden Hind, Shanghai
LEAD, RED, DRY—6 kgs, Argyll, Santa Rosalia
LIME, HYDRATED—(Monterey) 800 sks, New Zealand; 40 sks, Australia
LITHARGE—4 bbls, Argyll, Santa Rosalia
LITHOPONE—720 sks, Monterey, Australia
MEDICINAL PREPS—6 bbls, Golden Hind, Dairen; 3 cs, Monterey, Australia
METHYL ETHYL CHLORIDE—63 dms, Golden Hind, Yokohama
MILK POWDER—2 cs, Monterey, Samoa
OIL, DIESEL—(Athelcrown) 21,048 bbls, Kawasaki; 24,556 bbls, Osaka
FUEL—(Athelcrown) 13,124 bbls, Kawasaki; 6,562 bbls, Osaka
FISH—(Cuba) 10 sks, Peru; 50 sks, Costa Rica
LUBRICATING—24 dms, Cuba, Costa Rica; 12 pls, 1 dm, Argyll, Santa Rosalia; (Golden Hind) 25 dms, 200 cs, Moji; 120 dms, Taku Bar; 4,263 dms, 90 bbls, Monterey, Australia
MACHINE—(Monterey) 1 cs, Fiji Islands; 1 cs, Papua
PUTTY—6 dms, Monterey, Australia
PAINT—1 cs, President McKinley, Shanghai; 5 dms, Monterey, Australia
LIQUID—6 cs, Golden Hind, Tientsin
PREPARED—2 cs, Monterey, Samoa
PENTASOL XANTHATE—1 cs, Argyll, Santa Rosalia
PETROLEUM—(Golden Hind) 60 dms, Moji; 30 dms, Dairen
CRUDE—54,000 lbs, Athelcrown, Kawasaki; 76,195 bbls, Otowasan, Tokuyama
PHARMACEUTICALS—6 cs, Argyll, Santa Rosalia
POLISH—1 cs, Monterey, New Zealand
POLISH, AUTO—1 cs, Monterey, Samoa
FURNITURE—1 cs, Athelcrown, Yokohama
METAL—29 pkgs, Golden Hind, Shanghai
SILVER—2 cs, Golden Hind, Shanghai
WAX—1 cs, Monterey, Samoa
POTASH, ETHYL XANTHATE—30 dms, Cuba, Chile
PUTTY—1 cs, Monterey, New Zealand
SALT—(Monterey) 16 hf bbls, 6 qtr bbls, Australia; 14 bls, Samoa
SHELLAC—1 dm, Monterey, Australia
ORANGE—1 cs, Argyll, Santa Rosalia
SOAP—1 cs, Cuba, Nicaragua
SCOURING—2 cs, Cuba, Nicaragua
TOILET—3 cs, Monterey, Samoa
SODA—2 cs, Argyll, Santa Rosalia
ASH—1 bbl, Argyll, Santa Rosalia
BAKING—1 cs, Cuba, Costa Rica
CAUSTIC—(Cuba) 45 dms, Nicaragua; 125 dms, Colombia; 8 dms, Argyll, Santa Rosa
SOLVENT—(Golden Hind) 1 cs, Yokohama; 1 cs, Shanghai
PETROLEUM—192 dms, Golden Hind, Yokohama
THYME—1 cs, Argyll, Santa Rosalia
TOILET PREPS—1 cs, Monterey, Papua
TURPENTINE, WOOD—2 cs, Monterey, New Zealand
VANILLA BEANS—14 cs, Vancouver, Hamburg
VARNISH—5 pls, Golden Hind, Tientsin; 1 cs, Monterey, Tonga
INSULATING—1 cs, Argyll, Santa Rosalia
WAX—1 cs, Athelcrown, Yokohama
ZINC DUST—10, Cuba, El Salvador

Savannah Exports

Clearance Dates

Bronxville, February 13; Cingalese Prince, February 13; London Corporation, February 15; Monrosa, February 11; San Marcose, February 15; Severoles, February 16; Silverlarch, February 8

COTTON LINTERS—395 bls, London Corporation, Hamburg; 48 bls, Monrosa, Genoa
GLUCOSE—(Cingalese Prince) 170 bbls, Manila; 18 bbls, Iloilo; 15 bbls, Cebu; (Silverlarch) 150 bbls, Manila; 15 bbls, Iloilo
ROSIN, GUM—(Cingalese Prince) 60 bbls, Manila; 450 bbls, Shanghai; (London Corporation) 317 bbls, Hamburg; 50 bbls, Rotterdam; (Silverlarch) 250 bbls, Shanghai; 100 bbls, Tsingtao; 2,402 lbs, Severoles, Havana; (Bronxville) 270 bbls, Genoa; 28 bbls, Naples; (Monrosa) 1,183 bbls, Genoa; 7 bbls, Trieste; 84 bbls, Leghorn; (San Marcos) 10 bbls, La Guaira; 130 bbls, Maracaibo; 120 bbls, Santiago; 5 bbls, Salaverry
WOOD—30 bbls, Cingalese Prince, Manila; 50 bbls, Silverlarch, Manila
SUPERPHOSPHATE—1,949 tons, Gudrid, Havana
TURPENTINE GUM—(Monrosa) 437 dms, Genoa; 61 dms, Trieste; 15 dms, Leghorn; 20 dms, Concepcion; 10 bbls, Santiago; 60 bbls, Cristobal
SPIRITS—5 dms, Severoles, Havana
WOOD—25 cs, 430 pls, Cingalese Prince, Manila

Tampa Exports

Clearance Dates

Angrer, February 10; Cuba, February 6; Lindvangen, February 8; Magna, February 11

ASPHALT—3 dms, Cuba, Havana
BORAX—1 sx, Lindvangen, Kingston
GASOLINE—3 dms, Angrer, Belize
INSECTICIDE—3 dms, Lindvangen, Bridgetown
PHOSPHATE—2,955 tons, Magna, Landskrona
SUPERPHOSPHATE—50,000 lbs. Lindvangen, Kingston
WAX EMULSION—3 bxs, Lindvangen, Kingston

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—39,927 bbls, Aurora, Providence; 70,243 bbls, Edward L Doheny, Baytown
OIL, FUEL—1,047 bbls, Aurora, Providence
PETROLEUM, CRUDE—114,214 bbls, Chilbar, Texas City; 85,759 bbls, H M Flagler, Baytown; 68,513 bbls, Virginia, Port Arthur; 48,001 bbls, Thermo, Texas City; 46,942 bbls, Dannedaike, Texas City; 114,105 bbls, John D Archbold, Baytown; 75,105 bbls, E J Bullock, Baytown; 145,145 bbls, W S Farish, Baytown

Galveston Coast Trade

SULPHUR—(Point Royes) 1,000 tons, Portland; 1,200 tons, Tacoma; 1,000 tons, Port Angeles

Los Angeles Coast Trade

GASOLINE—25,190 bbls, Utacarbon, Oleum; 41,542 bbls, Utacarbon, Martinez; 71,995 bbls, Los Angeles, Oleum; 68,826 bbls, Mojave, Portland; 66,281 bbls, Agwiworld, San Francisco; 2,725 bbls, S & C No 41, San Diego; 5,390 bbls, S & C No 2, San Diego
KEROSENE—5,855 bbls, Utacarbon, Oleum
OIL, DIESEL—3,100 bbls, Argon, Seattle; 4,850 bbls, Emideo, Portland; 10,000 bbls, Tejon, Portland; 7,222 bbls, Mojave, Portland; 645 bbls, D & C No 41, San Diego; 54,241 bbls, Kekoskee, Portland; 25,258 bbls, R J Hanna, Seattle; 58,704 bbls, Los Anegeles-Seattle
FUEL—60,061 bbls, Argon, Seattle; 60,017 bbls, Emidco, Portland; 54,000 bbls, Tejon, Portland; 7,441 bbls, Mojave, Portland; 17,978 bbls, Agwiworld, San Francisco; 63,070 bbls, Frank G Drum, Everett; 73,967 bbls, La Placentia, Seattle; 7,450 bbls, Hawaiian, San Diego; 53,812 bbls, Kanawha, San Diego; 60,000 bbls, Eagle, Portland; 12,418 bbls, El Sedro, Seattle; 7,161 bbls, James Griffiths, Seattle; 7,340 bbls, Hawaiian Standard, Moss Landing
FURNACE—3,050 bbls, Argon, Seattle; 2,246 bbls, Emidco, Portland; 16,849 bbls, Los Angeles, Seattle; 105,918 bbls, H M Storey, New York
GAS—15,704 bbls, Cathwood, Oleum
PETROLEUM, CRUDE—39,028 bbls, Cathwood, Oleum
SOLVENT, CLEANING—2,241 bbls, Utacarbon, Oleum

Port Arthur Coast Trade

OIL, LUBRICATING — 39,500 bbls, Caloria, New Orleans

Cargo Ship Arrivals

February 20 to March 5

New York

Amazone	Maracaibo*	Mar 1
American Merchant	London*	Feb 26
American Shipper	London*	Mar 1
American Traveler	Liverpool*	Feb 25
Ancon	Cristobal*	Mar 1
Anniston City	Calcutta*	Feb 27
Antonia	Havre*	Mar 1
Aurania	Liverpool*	Mar 1
Ayuruoca	Paranagua*	Feb 23
Berengaria	Southampton*	Mar 2
Bergensfjord	Oslo*	Feb 26
Bilderdijk	Rotterdam	Mar 4
Birmingham City	Kahului	Mar 2
Black Condor	Rotterdam*	Mar 2
Black Gull	Antwerp	Feb 23
Black Heron	Antwerp*	Feb 23
Black Tern	Rotterdam*	Mar 2
Bordeaux	Kobe*	Mar 2
Borinquen	Trujillo*	Mar 1
Calamares	Santa Marta*	Mar 4
Calgary	Freetown*	Mar 3
California	San Francisco*	Mar 2
Cameronia	Glasgow*	Mar 1
Caracas	Curacao*	Mar 4
Cauto	Tuxpan*	Feb 28
City of Dundee	Calcutta*	Feb 26
City of Rangoon	Calcutta*	Feb 26
Cliftwood	Copenhagen*	Mar 5
Collamer	Dunkirk*	Mar 4
Conte di Savoia	Genoa*	Mar 4
Cottica	Curacao*	Mar 1
Cumbal	Pisco*	Mar 3
Dunstan	Para	Mar 5
East Indian	Buenos Aires*	Feb 28
Emilia	San Juan	Mar 1
Examelia	Genoa*	Feb 23
Excalibur	Beirut*	Mar 3
Exchange	Genoa*	Mar 1
Falcon	Curacao*	Feb 25
Fort Amherst	St Pierre*	Feb 25
Frida	Valparaiso*	Feb 25
Gansdal	Yokohama*	Mar 1
Hamburg	Hamburg*	Feb 26
Hokuroku	Shanghai*	Feb 25
Indianian	San Francisco*	Mar 3
Kerston Miles	Sundsvall*	Feb 27
King Robert	Buenos Aires	Feb 23
Laura	Trieste*	Mar 4
Lehigh	Dundee*	Feb 26
Lionel	Buenos Aires	Feb 23
Lista	Santos*	Feb 23
Maasdam	Rotterdam	Feb 23
Maelaren	Gothenburg*	Feb 26
Magdapur	Calcutta*	Feb 24
Milos	Skutskar*	Mar 4
Minnequa	Gothenburg*	Feb 27
Modjokerto	Batavia*	Feb 24
Munargo	Havana*	Mar 4
Muncaster Castle	Batavia*	Feb 25
Musa	Puerto Barrios*	Feb 25
Nako	Hongkong*	Feb 27
New Orleans	Calcutta*	Feb 27
Normandie	Havre*	Mar 1
Northern Prince	Buenos Aires*	Mar 3
Oregonian	San Francisco*	Feb 28
Oriente	Havana	Feb 28
Otho	Acera*	Feb 23
Pastores	Cristobal*	Mar 3
Platano	Puerto Barrios*	Mar 4
Ponce	San Juan*	Mar 2
Port Campbell	London	Feb 28
Porta	Rosario*	Mar 5
President Harding	Hamburg*	Feb 27
President Lincoln	San Francisco	Mar 3
Quirigua	Port Limon*	Feb 28
Robin Hood	Mombasa*	Mar 5
San Juan	San Juan	Feb 23
Santa Clara	San Antonio*	Feb 23
Santa Elena	Los Angeles*	Feb 25
Santa Rita	Valparaiso*	Mar 2
Scanyork	Gothenburg*	Mar 5
Seatrain Havana	New Orleans*	Mar 2
Silverbeech	Singapore*	Feb 28
Silvereyew	Batavia*	Mar 3
Sonnavind	Dairen*	Feb 24
Steel Engineer	Hawilwili	Mar 5
Steel Scientist	Shanghai*	Feb 26
Taihei	Yokohama*	Mar 3
Tai Yin	Manila*	Mar 2
Tanimbar	Batavia*	Mar 5
Thode Fagelund	Buenos Aires	Feb 23
Toloa	Santa Marta*	Feb 25
Topdalsfjord	Oslo*	Feb 24
Troubador	Ibicuy*	Mar 4
Umberleigh	Santos*	Feb 27
Washington	Hamburg*	Mar 4
West Imboden	Santos*	Feb 25
West Isleta	Mombasa*	Mar 2
Westernland	Antwerp*	Mar 2
Western World	Buenos Aires*	Feb 24
Yucatan	Vera Cruz*	Feb 28

* And other ports

Recent Charters

CREOSOTE—9,000 tons, S S Cleopatra, London, United States Gulf, £2,780; February

KEROSENE DISTILLATE——tons, SS —— Maersk, Los Angeles to Curacao, 15s 6d; option San Francisco loading, 17s; February-March

MANGANESE ORE—8,000 tons, S S ——, Poti to United States, North Hatteras, 20s; March 1-15

MOLASSES—9,000 tons, S S Gylfe, Cuba, U S N H, 31c to 32c; six trips from March 5-25

PETROLEUM — 14,000 tons, S S Eleonora Maersk, gas oil and (or) distillate, California, Curacao, 16s 6d; February-March 11,500 tons, S S Fosna, dirty, California, Japan, 18s; two trips from February

9,000 tons, S S Abadan, gas oil, Aruba, Curacao, 12s 6d; United States Gulf, United Kingdom, Continent, 14s 6d; March

8,000 tons, S S Jole Fassio, dirty, United States Gulf, French Atlantic, 14s 9d; February-March

10,940 tons, S S Montana, dirty, twelve months' time charter, 4s 9d; May

8,000 tons, S S Nausicaa, gas oil, Constanza, two ports Continent, 12s 6d; February 10-25

13,500 tons, S S Caledonia, gas oil and (or) distillate, California, Curacao, 15s 9d; March

9,500 tons, S S Senator, clean, Abadan, Mediterranean, 28s; United Kingdom, Continent, 30s; Scandinavia, 31s; April 10-30

7,500 tons, S S Vancouver, clean, Aruba, United Kingdom, Continent, 18s; February 15 to 28

14,000 tons, S S Norlys, clean, Balik Papan, United Kingdom, Continent, option Balik Papan, Curacao, followed by Curacao, United Kingdom, Continent, 27s; April

9,500 tons, S S Abu, clean, Abadan, Mediterranean, 25s 6d; United Kingdom, Continent, 27s 6d; Scandinavia, 28s 6d; April

4,000 tons, S S Myriel, clean, Constanza, Havre and Rouen, 13s; March

12,000 tons, S S Inneroy, clean, Aruba, Curacao, Venezuela, Rio, Santos, Para, Pernambuco, 20s; March 15-April 15

9,000 tons, S S Sysla, clean, Aruba, Curacao, United Kingdom, Continent, 18s; March

8,000 tons, S S Bramora, clean, Philadelphia, Lisbon, 17s 6d; April

11,500 tons, S S Noreg, dirty, Paraguana, Rotterdam, 15s; March

11,500 tons, S S Norbris, dirty, Venezuela, U S N H, 6s 6d; seven trips from March

9,500 tons, S S Norfold, fuel, gas, diesel oil, Abadan, Mediterranean, 24s 6d; United Kingdom, Continent, 26s 6d; February 15-March 10

8,000 tons, S S Ionia, dirty, Russian Black Sea, Spanish Mediterranean, 30s

2,900 tons, S S Deodata, dirty, Constanza, Cuttaro, Sebenico, 14s; February

8,000 tons, S S Bianca, dirty, Venezuela, U S N H; six trips from April, 7s, with option trips Caripito, Aruba

8,000 tons, S S Oljaren, crude oil, Abadan, Suez, 13s; March

9,500 tons, S S Tuscania, crude oil, United States Gulf, Trieste, 17s 6d; February-March

9,000 tons, S S Chr Th Boe, crude oil, United States Gulf, Port de Bouc, 18s 6d; March

9,000 tons, S S Ferm, gas oil, Aruba, Curacao, United Kingdom, Continent, 13s; March

10,500 tons, S S Teddy, dirty, Venezuela, U S N H, 7s, or 6s 4½d if more voyages, with option trips Caripito, Aruba, 2s 10½d; March

9,000 tons, S S Chr Th Boe, dirty, Abadan, United Kingdom, Continent, 27s; April

10,000 tons, S S Vinga, dirty, Venezuela, U S N H, 7s, or 6s 4½d, if more voyages, with option trips Caripito, Aruba, 2s 10½d; March

14,000 tons, S S Regulus, dirty, Venezuela, U S N H, 7s, or 6s 4½d, if more voyages, with option trips Caripito, Aruba, 2s 10½d; March

PETROLEUM — 9,940 tons, S S William Strachan, dirty, twelve months' trade, 5s 9d; continuation from March

14,000 tons, S S Harprins, dirty, Caripito, Aruba, 2s 10½d; Venezuela, United States, North Hatteras, 6s 4½d; February until April 30

9,600 tons, S S Scottish Standard, dirty, twelve months, 5s 3d; delivery February-March

14,000 tons, S S Fagerfjell, dirty, Caripito, Aruba, 2s 10½d; Venezuela, United States, North Hatteras, 6s 4½d; February until April 30

9,600 tons, S S Scottish Maiden, dirty, twelve months, 5s 3d; February-March

4,000 tons, S S Beme, clean and dirty, Constanza, Spanish Mediterranean, 27s 6d; March

7,500 tons, S S Elsa, clean, Constanza, 17s; United States Gulf, United Kingdom, Continent, 20s; April

7,500 tons, S S Storsten, clean, United States Gulf, Ghent, 19s 6d; March 1-20

7,700 tons, S S Vallejo, clean, Constanza, London, White Booth Roads, Killingholme, 17s; February-March

6,500 tons, S S Valetta, clean, Constanza, French Atlantic, 15s; two trips from February

9,000 tons, S S Relet Tanker, clean, United States Gulf, France, 19s 6d; March

7,500 tons, S S Beaumont, clean, Aruba, 17s 6d; United States Gulf, Portugal, 20s; United States; March

13,500 tons, S S Ferncastle, clean, California, Dairy, 23s 6d; April

9,000 tons, S S Svolder, clean, Aruba, United Kingdom, Continent, 17s; February-March

14,000 tons, S S Krossfonn, clean, Aruba, United Kingdom, Continent, 16s; February-March

9,000 tons, S S Evita, clean, United States Gulf, Eastern Mediterranean, 21s; March

9,000 tons, S S Polykarp, clean, United States Gulf, United Kingdom, Continent, 15s 6d, six trips; March

9,000 tons, S S Maridul, clean, Northern States, Rio Santos, 20s; March

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended February 24

Anise, 85 bags; filthy.

Cardamom, 10 cases; filthy.

Cassia oil, 10 cases; not U.S.P.

Codoil, technical, 300 barrels; restricted use.

Codoil, technical, 50 drums; restricted use.

Dandelion root, 100 bags; damaged by water.

Medicinal preparations, 3 cases; false therapeutic claims.

Poppy seed, 100 bags; filthy.

Baltimore

Week Ended February 24

Medicinal preparations, 2 cases; false therapeutic claims.

Boston

Week Ended February 24

Caraway seed, 50 bags; filthy.

Buffalo

Week Ended February 24

Medicinal preparations, 3 cases; false therapeutic claims.

Medicinal preparations, 2 cases; false therapeutic claims; alcohol not declared.

Philadelphia

Week Ended February 24

Codliver oil, 150 drums; not U.S.P.

Medicinal preparations, 3 cases; false therapeutic claims.

San Francisco

Week Ended February 18

Medicinal preparations, 140 pieces; false therapeutic claims.

Seattle

Week Ended February 18

Codliver oil, 100 drums; deficient in vitamin D.

Medicinal preparations, 204 pieces; false therapeutic claims.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Albumen, Blood, in flasks for industrial use:—Purchase, Antwerp, Belgium (2623).

Ammonia Nitrate, and Trinitrotoluene:—Purchase, Zagreb, Czechoslovakia (2595).

Chemicals, Heavy:—Agency, Rio Janeiro, Brazil (2602).

Dyes for Rayon and Wool Materials:—Agency, Lima, Peru (2624).

Gasoline and White Kerosene:—Purchase, Asuncion, Paraguay (2611).

Oils, Bleached Palm, Acid Coco, and Vegetable, for soap making:—Agency, Cairo, Egypt (2596).

Oils, Edible, Cottonseed and other; and Oilseed Flour:—Agency, Trondhjem, Norway (2599).

Paraffin Oil:—Purchase, Prague, Czechoslovakia (2591).

Petroleum Jelly:—Purchase, Prague, Czechoslovakia (2591).

Pharmaceuticals, and Proprietary Preparations:—Agency, Bogota, Colombia (2592).

Resins, Synthetic, for plywood and similar articles:—Purchase, Warwick, England (2594).

Sulphur, Crude:—Agency, Rio Janeiro, Brazil (2602).

Toilet Preparations:—Agency, Madras, India (2605).

Dyestuffs, Textile, Leather Chemicals

Tanning Materials

(Continued from page 36)

and quotations were nominal, for supplies on hand were limited.

Mangrove Bark.—Business in this market continued irregular and sellers were asking $26 to $27 per ton.

Myrobalans.— The market for J1 myrobalans continued to experience a good call, prices were unchanged. There was little to report in J2 or R2 material, demand indicating consumers had not relinquished the hand-to-mouth program. Quotations were unchanged.

Quebracho.—Business continued on a broad scale throughout the week just closed. Manufacturing consumers were operating at good production levels. Prices were firm.

Valonia.—Demand was fair. Prices were slightly easier at $48.50 per ton for beards and $31.50 to $33.50 per ton for cups.

Wattle Bark.—Quiet prevailed in this direction. Quotations were unchanged.

Godber Succeeds Deterding

The Shell Union Corporation has elected F. Godber, London, chairman of the board of directors to succeed Sir Henri Deterding, resigned. Mr. Godber is one of the managing directors of the Shell Transport & Trading Company, and a director of Shell Union. S. Belither, president of the Shell Oil Company, the West coast operating subsidiary, has been made a director and a vice-president. B. M. Culver, Gayer Dominick, and Daniel Pyzel were also made directors.

Atlantic Research Associates, Inc., specializing in the industrial applications of casein and other protein materials and mica, has moved its main offices and laboratories to 763 Washington street, Newtonville, Mass.

Cottonseed Statistics: August-January

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out, and held, August 1 to January 31, 1937, and 1936, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed, and Held

	Received at mills* Aug. 1 to Jan. 31.		Crushed Aug. 1 to Jan. 31.		On hand at mills January 31.	
	1937.	1936.	1937.	1936.	1937.	1936.
	—Tons—					
United States	4,226,126	3,481,658	3,362,666	2,935,861	885,386	635,372
Alabama	317,701	267,285	259,949	243,746	58,469	32,529
Arkansas	435,647	282,034	323,828	221,514	112,445	62,929
California	164,911	91,431	97,275	65,907	68,744	25,873
Georgia	429,406	363,701	366,269	347,573	95,014	38,296
Louisiana	216,118	160,753	189,163	145,310	28,629	16,906
Mississippi	795,407	499,588	518,756	378,019	278,687	134,381
North Carolina	208,859	205,826	185,416	180,302	21,133	35,601
Oklahoma	81,829	186,333	75,727	170,879	7,157	17,697
South Carolina	191,794	178,705	175,674	167,332	17,305	12,634
Tennessee	346,767	226,967	251,866	183,810	95,712	47,563
Texas	884,318	918,358	804,369	747,964	89,825	192,506
All other states	156,369	100,677	114,374	83,005	42,266	18,057

* Includes seed destroyed at mills but not 21,926 tons and 89,575 tons on hand August 1, nor 50,050 tons and 37,904 tons reshipped for 1937 and 1936, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to Jan. 31.	Shipped out Aug. 1 to Jan. 31.	On hand Jan. 31.
Crude oil, pounds—				
1936-1937	*19,191,508	1,003,457,968	962,251,458	*146,395,731
1935-1936	28,262,543	882,925,512	804,376,509	128,917,707
Refined oil, pounds—				
1936-1937	†318,873,305	‡814,053,954	.....	†460,448,055
1935-1936	444,833,215	716,635,381	.....	453,256,338
Cake and meal, tons—				
1936-1937	65,053	1,500,692	1,341,285	224,460
1935-1936	198,367	1,324,216	1,160,074	362,509
Hulls, tons—				
1936-1937	23,893	858,489	718,344	164,038
1935-1936	76,604	755,918	642,079	190,443
Linters, running bales—				
1936-1937	43,819	817,763	652,546	209,036
1935-1936	71,292	661,462	531,067	201,687
Hull fiber, 500-lb. bales—				
1936-1937	88	30,333	26,959	3,462
1935-1936	1,332	24,947	24,331	1,948
Grabbots, motes, etc., 500-lb. bales—				
1936-1937	2,991	36,353	24,849	14,495
1935-1936	5,966	29,183	22,205	12,944

* Includes 6,232,774 and 65,952,032 pounds held by refining and manufacturing establishments and 4,411,300 and 30,689,755 pounds in transit to refiners and consumers August 1, 1936, and January 31, 1937, respectively.

† Includes 15,100,446 and 4,109,341 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 9,643,060 and 9,876,383 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1936, and January 31, 1937, respectively.

‡ Produced from 867,584,842 pounds of crude oil.

Exports and Imports for Five Months Ended December 31

	1936.	1935.
Exports—		
Oil, crude, pounds	43,306	64,963
Oil, refined, pounds	714,620	1,270,437
Cake and meal, tons of 2,000 pounds	3,040	6,703
Linters, running bales	102,650	110,259
Imports—		
Oil, crude, pounds	*3,196,802	2,167,290
Oil, refined, pounds	*33,708,812	42,356,986
Cake and meal, tons of 2,000 pounds	11,600	1,187

* Amounts for January not included above are 848,530 pounds crude, and 9,013,734 refined, "entered directly for consumption," 160,000 crude and 40,000 refined, "withdrawn from warehouse for consumption," and 2,766,557 crude and 1,738,859 refined "entered directly into warehouse."

Bids Wanted

Acid, Hydrochloric:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Alcohol, Ethyl:—10,000 wine gallons, General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Aluminum Powder:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Aqua Ammonia:—66,900 pounds; for White Plains; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 50, opening March 5.

Arsenate of Lead, Powdered: — 550,000 pounds; for Greenfield, Mass., and Moosic, Penna.; Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement 222-2539-A, opening March 5.

Chrome Green:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Cottonseed Salad Oil:—2,045 gallons; Assistant Director, Bureau of Prisons, Department of Justice, Washington; schedule 1211, opening March 4.

Creosote Oil:—6,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Enamel, Pigmented:—600 quarts; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Enamel, White:—2,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Fertilizer:—Supplies of for various deliveries; Assistant Director, Bureau of Prisons, Department of Justice, Washington; schedule 1217, opening March 5.

Glue, Flake:—1,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 2225, opening March 4.

Lacquer, Plastic Brush:—150 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Lard Substitute:—62,800 pounds; Assistant Director, Bureau of Prisons, Department of Justice, Washington; schedule 1211, opening March 4.

Laundry Soda:—200,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-159, opening March 3.

Laundry Starch:—50,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-159, opening March 3.

Linseed Oil, Raw:—38,750 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Margarin, Nut:—81,376 pounds; Assistant Director, Bureau of Prisons, Department of Justice, Washington; schedule 1211, opening March 4.

Mineral Seal Oil:—600 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Naphthalene:—40,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-159, opening March 3.

Orange Shellac, Flake:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Paint Thinner:—3,900 gallons; Depot Quartermaster, Marine Corps, Philadelphia; schedule 595, opening March 3.

Paint, Various:—845 gallons; for Fruita, Colorado; Bureau of Supply, Treasury Department, Federal Warehouse, Washington; procurement RA-2575-N, opening March 3.

Paint, White Exterior:—460 gallons; Quartermaster, Fort Hoyle, Maryland; procurement 418-50, opening March 8.

Soap, Chip:—1,600 pounds; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-188, opening March 5.

Soap, Grit:—100,000 cakes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-159, opening March 3.

Soap, Laundry:—200,040 pounds; Quartermaster Supply Officer, Fort Mason, San Francisco; procurement 928-294, opening March 3.

Soda, Caustic:—37,392 13-ounce cans; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-188, opening March 5.

Soda Thiosulphate:—130,000 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-159, opening March 3.

Sperm Oil:—600 gallons; Depot Quartermaster, Marine Corps, Philadelphia; schedule 600, opening March 5.

Stove Polish:—32,400 cakes; Quartermaster Depot, 1819 West Pershing road, Chicago; procurement 199-188, opening March 5.

Stove Polish:—100,000 cakes; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-159, opening March 3.

Transformer Oil: — 2,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3225, opening March 4.

Wax, Paste Floor:—4,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 593, opening March 4.

White Lead:—100,000 pounds; Depot Quartermaster, Marine Corps, Philadelphia; schedule 595, opening March 3.

White Lead in Oil:—2,000 pounds; Depot Quartermaster, Schenectady General Depot, South Schenectady, N. Y.; procurement 820-8, opening March 8.

Poisonous drugs or medicines, and those which are habit-forming or otherwise deleterious, would be restricted in distribution in New York State by the terms of a bill introduced by Senator H. F. Dunkel, which would prohibit wholesaling of these articles to others than registered dealers, State institutions, hospitals, physicians, dentists, or veterinarians.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

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LONDON, ENGLAND, representation is available to American manufacturers of drugs, paints, oils, colors, and special turpentine. References given. BOX 948, Oil, Paint and Drug Reporter.

FIRM WITH headquarters in Cincinnati and covering Louisville, Dayton and Columbus would be interested in representing producers of pigments, oils, chemicals or other raw materials. BOX 958, Oil, Paint and Drug Reporter.

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CAPITAL AVAILABLE for investment in or purchase of a bona fide business with possibilities of expansion in the chemical, chemical specialties, or pharmaceutical fields, or a branch of these, investor wishing to work in establishment. BOX 890, Oil, Paint and Drug Reporter.

Equipment Offered

FROM the $10,000,000 Spreckels liquidation —Three No. 4 Vallez rotary filters; 32-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 500 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE: Sheldon colorimeter in good condition. Priced reasonable for quick sale. BOX 939, Oil, Paint and Drug Reporter.

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 955, Oil, Paint and Drug Reporter.

PEBBLE MILLS with jars or brick lining; Swenson evaporators, cast iron and aluminum; 600-gallon jacketed copper still; Becker semi-micro balance; 12-inch copper fractionating column. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

Equipment Offered

GUARANTEED EQUIPMENT—Jar, pebble and ball mills; pony mixers, iron mills; Buhrstone mills, lead and paste mixers; roller mills; pulverizers; filter presses; dryers, glass lined kettles and tanks; vacuum stills; kettles; mixers; pumps. Specialists in hydraulic equipment for the plastic industries. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

Equipment Wanted

WANTED—Two iron varnish kettles, 250 gallon capacity on truck. BOX 951, Oil, Paint and Drug Reporter.

WANTED—Anderson expeller; 16 in. attrition mill; other oil mill equipment. Give full description of each item, present use and condition, age, type and price. Address P. O. Box 121, Passaic, N. J.

Factories Offered

BRICK FACTORY—One story, 50 x 90, concrete floor, sprinkler system, live steam available 24 hours per day; railroad siding. Unrestricted district in Brooklyn; rent $125 month. The R. L. Kraft Company, Woolworth Building, COrt. 7-9377.

Foreign Sales

FOREIGN SALES manager who has demonstrated exceptional ability in all phases of marketing, with a background of practical experience in the foreign field, is available now to mills and manufacturers wishing to expand sales to profitable foreign markets. I am not a genius but I am eager to and can produce, create and build up for you a profitable export market for your products within a reasonable period of time and at no cost to you. I do not believe in lottery but in hard work. No, sir, I recently established small consolidated export office—not a million dollar bank account, but enough for postage, cables, traveling expense, and an infinite world of desire to make good. Compensation? Just a straight commission within your margin of profit, but please note that I want it to be credited after payment is made by the accounts sold. Of course, I will attend to all your export mail, orders, whether English, Spanish, French, Portuguese, and will also handle shipments and preparations of consular and shipping documents at no extra cost! A good proposition will always be considered. Further details address BOX 965, Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Plants Offered

COMPLETE PLANT, mixer and sifter, filler and weigher; all electric, 3 closers, 3 plates, scale and other equipment offered reasonably; also rights to manufacture tooth powder and baby powder now selling. BOX 950, Oil, Paint and Drug Reporter.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 954, Oil, Paint and Drug Reporter.

Positions Vacant

PAINT MANUFACTURING plant looking for executive to take charge of sales and operations, to start with moderate salary and liberal share of profits. Present capacity of approximately 2,000 gallons per day; will increase as business warrants. Applicants must be experienced in this line. Applications must contain full details of experience for consideration. BOX 911, Oil, Paint and Drug Reporter.

WANTED experienced paint and varnish maker capable of operating small paint factory in Florida manufacturing a complete line of paint. State age and salary expected. BOX 933, Oil, Paint and Drug Reporter.

SALESMAN—Chemical manufacturer has opening for salesman in New York metropolitan area. Give full particulars in letter. Our organization has been notified. BOX 959, Oil, Paint and Drug Reporter.

SALESMAN to handle pigment colors in Greater New York and suburban towns. State age, experience and salary desired. BOX 960, Oil, Paint and Drug Reporter.

WANTED—Experienced chemical color salesman, preferably between ages of 30 and 40. We want a producer, thoroughly familiar with chemical color line, and with a trade following. We offer a good position with a large established company, and all our present sales staff have seen this advertisement. Give full information and references in your first application, together with approximate salary expected. BOX 964, Oil, Paint and Drug Reporter.

Positions Wanted

PHARMACEUTICAL CHEMIST (B.S.)—desires position; experienced in the manufacture, analysis, and assay of pharmaceutical preparations and chemicals; registered pharmacist. BOX 934, Oil, Paint and Drug Reporter.

RECENT GRADUATE, Bachelor of Chemical Engineering, honor student, desires position with opportunity for experience and advancement; salary secondary; will go anywhere, but prefer East. BOX 949, Oil, Paint and Drug Reporter.

MANUFACTURING and research chemist who has made cosmetics, parenteral products and germicidal liquid soaps. BOX 961, Oil, Paint and Drug Reporter.

RESEARCH CHEMIST who has specialized in baking powders, camphor, essential oils and dyes. BOX 962, Oil, Paint and Drug Reporter.

MANUFACTURING CHEMIST has made paints and wood finishing products, such as varnishes and enamels. BOX 963, Oil, Paint and Drug Reporter.

CHEMIST, has developed new compound for decolorizing, bleaching, refining and purifying oils, fats and especially adaptable to beeswax. Seeks connection with progressive concern. BOX 952, Oil, Paint and Drug Reporter.

FOREMAN SHADER—All-around shader or tinter, 15 years experience, would like to locate with a reliable firm as factory foreman, or shader; understand from mixing down; now employed; will locate anywhere; A-1 references. BOX 953, Oil, Paint and Drug Reporter.

SUPERINTENDENT of lacquer, paint and varnish manufacture with conservative, well-established firm; I have technical training, experience in developing formulas and production, and ability to handle men. For details address BOX 956, Oil, Paint and Drug Reporter.

SALESMAN—Paints, varnishes with extensive following and established trade in Brooklyn and Queens among leading jobbers, retail paint stores, parquet flooring manufacturers, industrial trade, wishes to connect with first class manufacturer; commission basis only. BOX 957, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought.. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1000 gals, some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ½" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
4—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x 90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.

Miscellaneous; Dryers; Mixers; Filters and Mills; Grinders; Tanks; Pumps; Boilers; etc. Filter Presses; Kettles; Pulverizers; Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y. Phone: Barclay 7-0600

Plant: 335 Doremus Ave., Newark, N. J. Cable Address: Equipment

Corporation Earnings Recently Reported

	Period.	1936 Net income.	1936 Per share.	1935 Net income.	1935 Per share.
A. & K. Petroleum Co	6 mos.	$84,000	$0.34	.....	...
Allied Laboratories	1936	279,370	1.24	$198,322	$0.78
Armstrong Cork Co	1936	5,277,534	4.36	3,434,912	2.84
Bon Ami Co	1936	1,221,675	6.06	1,003,089	4.83
Buckeye Pipe Line Co	1936	880,081	4.40	550,023	2.75
Butte Copper & Zinc Co	1936	27,811	.05	58,652	.10
Chickasha Cotton Oil Co	6 mos.	73,049	...	214,190	...
Congoleum-Nairn, Inc	1936	2,548,690	2.05	2,242,909	1.82
Cook Paint & Varnish Co	1936	483,428	...	.....	...
Falconbridge Nickel Mines, Ltd	1936	1,873,607	...	1,768,558	...
Houston Oil Co. (Tex.)	1936	500,441	...	837,640	...
International Vitamin Corp	6 mos.	84,426	.42	75,639	.38
Minneapolis-Honeywell Regulator Co	1936	3,081,361	4.78	1,793,358	2.67
National Gypsum Co	1936	1,018,655	2.88	532,462	1.44
Norwich Pharmacal Co	1936	922,906	2.31	721,867	1.80
Panhandle Eastern Pipe Line Co	1936	1,716,055	...	*319,358	...
Pure Oil Co	1936	7,658,372	1.63	8,150,027	2.00
Sterling Products, Inc	1936	8,669,061	5.05	8,308,073	4.84
Sunray Oil Corp	1936	550,439	.27	333,836	.20
Union Oil Co. (Cal.)	1936	6,133,398	1.40	5,038,286	1.15
United Carbon Co	1936	2,202,850	5.54	1,872,405	4.71
United Carbon Co	1936	2,202,850	5.54	1,872,405	4.71
United Verde Extension Mining Co	1936	849,119	.81	375,523	.35
Young (J. S.) Co	1936	158,919	...	169,314	...

* Deficit.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
American Chicle Co	Com.	Q.	$1.00	Mar. 15	Mar. 1
Aluminum, Ltd	Pfd.	..	$1.50	Mar. 1	Feb. 24
Calumet & Hecla Consol. Copper Co.	Com.	..	25c.	Mar. 16	Mar. 1
Chesebrough Mfg. Co	.....	Q.	$1.00	Mar. 29	Mar. 5
Chesebrough Mfg. Co	.....	Ext.	50c.	Mar. 29	Mar. 5
Climax Molybdenum Co	Com.	Q.	20c.	Mar. 31	Mar. 12
Compressed Industrial Gases, Inc	.....	Q.	50c.	Mar. 15	Mar. 4
Congoleum-Nairn, Inc	Com.	Q.	50c.	Mar. 15	Mar. 1
Continental Oil Co. (Del.)	.....	..	25c.	Mar. 29	Mar. 1
Devonian Oil Co	Com.	Q.	25c.	Mar. 15	Feb. 27
Dr. Pepper Co	New com.	Q.	20c.	Mar. 1	Feb. 18
General Fire Extinguisher Co	Com.	Q.	20c.	Mar. 10	Feb. 24
Honolulu Oil Corp	.....	..	25c.	Mar. 15	Mar. 5
Humble Oil & Refining Co	Com.	..	37½c.	April 1	Mar. 2
International Nickel Co. (Can.)	Com.	..	50c.	Mar. 31	Mar. 1
Johns-Manville Corp	Com.	Q.	75c.	Mar. 30	Mar. 22
Johns-Manville Corp	Pfd.	Q.	$1.75	April 1	Mar. 17
Katz Drug Co	Com.	Q.	25c.	Mar. 15	Feb. 27
Kennecott Copper Corp	.....	..	50c.	Mar. 31	Mar. 5
Leslie Salt Co	.....	..	50c.	Mar. 15	Feb. 27
Libbey-Owens-Ford Glass Co	.....	..	75c.	Mar. 15	Mar. 1
Magma Copper Co	.....	Q.	50c.	Mar. 15	Feb. 27
McKesson & Robbins (Md.)	Pfd.	Q.	75c.	Mar. 15	Mar. 1
Monsanto Chemical Co	Com.	Q.	25c.	Mar. 15	Feb. 25
Monsanto Chemical Co	Com.	Ext.	25c.	Mar. 15	Feb. 25
Mount Diablo Oil Min. & Devel. Co.	.....	Q.	1c.	Mar. 1	Feb. 24
Paraffine Cos	Com.	Int.	$1.00	Mar. 27	Mar. 10
Pennsylvania Salt Mfg. Co	.....	..	$1.25	Mar. 15	Feb. 27
Philadelphia Co	$6 pfd.	Q.	$1.50	April 1	Mar. 1
Philadelphia Co	$5 pfd.	Q.	$1.25	April 1	Mar. 1
Smith-Alsop Paint & Varnish Co	Pfd.	Q.	87½c.	Mar. 1	Feb. 20
Standard Oil Co. (Ky.)	Com.	Q.	25c.	Mar. 15	Feb. 27
Standard Oil Co. (Neb.)	Com.	..	25c.	Mar. 29	Mar. 2
Sterling Products Co	.....	Q.	95c.	Mar. 1	Feb. 15
Sun Oil Co	Com.	Q.	25c.	Mar. 15	Feb. 25
Sun Oil Co	Pfd.	Q.	$1.50	Mar. 1	Feb. 10
Swan-Finch Oil Co	Pfd.	Ac.	$2.62½	Mar. 16	Mar. 2
Swift & Co	.....	Q.	30c.	April 1	Mar. 1
Sun Oil Co	Com.	Q.	25c.	Mar. 15	Feb. 25
Texas Corp	.....	Q.	50c.	April 1	Feb. 15
Texas Gulf Sulphur	.....	..	50c.	Mar. 15	Mar. 1
Tide Water Associated Oil Co	Com.	Q.	15c.	Mar. 1	Feb. 9
Tide Water Associated Oil Co	Pfd.	1st	$1.12½	April 1	Mar. 10
Tom Bell Royalty Co	.....	..	½c.	Mar. 1	Feb. 1
Union Tank Car Co	Com.	Q.	40c.	Mar. 1	Feb. 15
United Dyewood Corp	Pfd.	Q.	$1.75	April 1	Mar. 10
United Dyewood Corp	Com.	Q.	25c.	April 1	Mar. 10
Vick Chemical Co	.....	Q.	50c.	Mar. 1	Feb. 15
Vick Chemical Co	Com.	Ext.	10c.	Mar. 1	Feb. 15
Welch Grape Juice Co	Pfd.	Q.	$1.75	Feb. 27	Feb. 13
Westvaco Chlorine Products Co	Com.	Q.	25c.	Mar. 1	Feb. 10
Westland Oil Royalty Co	Cl. A	M.	10c.	Mar. 15	Feb. 27
Wesson Oil & Snowdrift Co	Com.	..	$1.00	Feb. 15	Jan. 30
Will & Baumer Candle Co	Com.	..	20c.	Feb. 15	Feb. 10
Wilson & Co	Com.	..	12½c.	Mar. 1	Feb. 15
Worcester Salt Co	Pfd.	Q.	$1.50	Feb. 15	Feb. 5

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Ammonium Linoleate
Ammonium Silico Fluoride
Antimony Oxide
Antimony Sulphide (Needle)
Arsenic
Barium Carbonate
Barium Sulphate
Benzoic Acid
Borax
Boric Acid
Cadmium Carbonate
Cadmium Hydrate
Cadmium Oxide
Cadmium Sulphide
Calcium Linoleate
Calcium Stearate
Carbon Tetrachloride
Caustic Soda
Ceramic Colors
Chromic Acid
Chromium Oxide
Chromium Sulphate
Citric Acid
Cobalt Acetate
Cobalt Carbonate
Cobalt Driers
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Copper Chloride
Copper Cyanide
Copper Linoleate
Copper Nitrate
Copper Oleate
Copper Oxide
Copper Sulphate
Cream of Tartar
Glycerine
Hydrofluoric Acid
Hydrofluosilicic Acid
Lead Acetate
Lead Driers
Lead Linoleate
Lead Oleate
Lead Resinate
Lead Stearate
Magnesium Carbonate
Magnesium Oleate
Magnesium Silico Fluoride
Magnesium Stearate
Magnesium Sulphate
Manganese Carbonate
Manganese Oxide (Black)
Manganese Linoleate
Manganese Chloride
Manganese Hydrate
Manganese Resinate pp'td and Fused
Manganese Sulphate
Manganese Borate
Mica
Nickel Salts
Oxalic Acid
Phosphoric Acid
Potassium Bichromate
Potassium Carbonate
Potassium Nitrate
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Selenium
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Sodium Stannate
Sodium Uranate
Tri Sodium Phosphate
Di Sodium Phosphate
Tartaric Acid
Titanium Oxide
Trichlorethylene
Uranium Nitrate
Uranium Oxide
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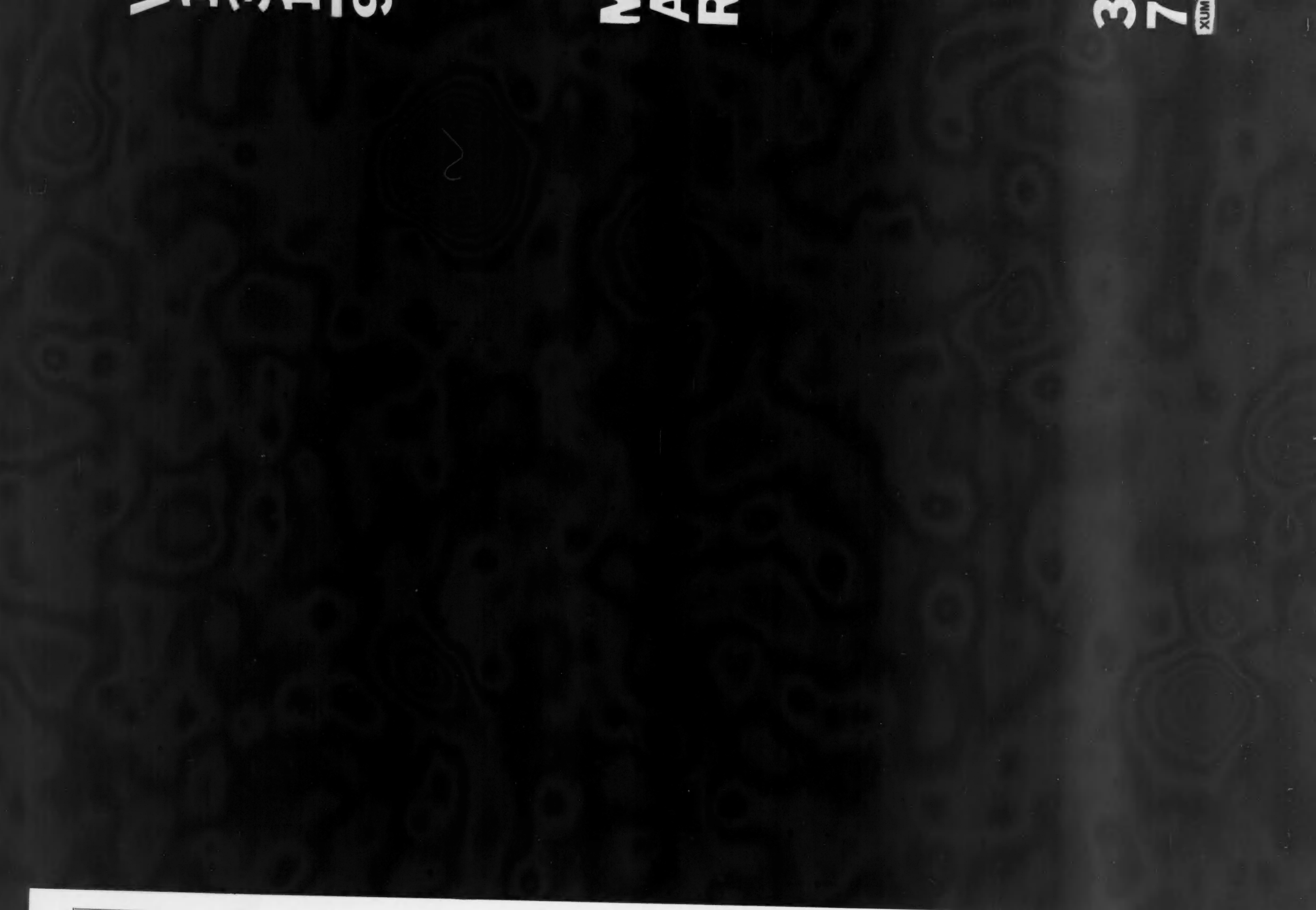
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